

A wide-angle photograph of a majestic mountain range under a clear blue sky with wispy white clouds. In the foreground, a small, scattered village with traditional houses sits nestled among dark, rocky slopes. The middle ground is dominated by towering, rugged mountains, their slopes partially covered in snow and ice. The peaks in the background are particularly prominent, reaching towards the top of the frame.

ski hut
70/71

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Photo / French Government Tourist Office

Front Cover: AMA DABLAM, NEPAL / Mountain Travel (USA)
Back Cover: DHAULAGIRI / Donald Reichert

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design & photography — Alfred Smith



TRAILWISE CHEVRON BAG. Our finest bag, the Chevron has been proven from the Himalayas to Alaska and Antarctica and in all the frozen regions of the world. Nothing was spared in design, construction or materials to make the Chevron the most efficient of all sleeping bags. Light, downproof water-repellent and extremely durable Tenaya nylon shell has a luxurious feel and will give years of service. A full 19" differential cut allows maximum lofting of premium white goose down for optimum weight/warmth ratio. Chevron baffles of strong nylon mesh are spaced at 5" intervals and slanted a full half-tube width for even greater efficiency. Generous contours and flared foot section assure unrestricted comfort while mummy pattern pares ounces from weight of bag. Draw cord hood. 72" double slider nylon zipper on right or left side. Colors are blue and orange. Supplied with waterproof stuffsack.

Chevron 102 will fit persons up to 5'10".

SC102/A - 44 oz. fill	total wt. 66 oz.	\$116.00
SC102/B - 50 oz. fill	total wt. 72 oz.	\$123.00
Chevron 103 will fit persons up to 6'4".		
SC103/A - 52 oz. fill	total wt. 70 oz.	\$123.00
SC103/B - 58 oz. fill	total wt. 76 oz.	\$130.00

TRAILWISE SLIMLINE BAG. The form-fitting Slimline, our most popular bag, has been designed for the mountaineer or backpacker who must keep weight and bulk to a minimum. 13" differential cut allows maximum lofting of the white goose down, while slanting Chevron baffles stabilize the down more effectively than any other type of baffling yet developed. Shell is made of the finest water-repellent Tenaya nylon in orange or blue. Completely adjustable draw cord hood. A 72" double slider nylon zipper, available on either right or left side, provides great flexibility. The Slimline will keep the average person comfortable in normal summer temperatures in the high mountains and, with the increased efficiency provided by the use of a cover and thermal underwear, may also be used in comfort for winter camping. Slimlines may be ordered in matching pairs that zip together to form a double bag. Supplied with 7" x 18" or 9" x 18" waterproof stuffbag.

Slimline 902 will fit persons up to 5'10" and weighing about 160 lbs.

SS902/A - 24 oz. fill	total wt. 47 oz.	\$ 80.00
SS902/B - 30 oz. fill	total wt. 51 oz.	\$ 86.00
Slimline 942 will fit persons up to 6'4" and weighing about 190 lbs.		
SS942/A - 26 oz. fill	total wt. 48 oz.	\$ 85.00
SS942/B - 32 oz. fill	total wt. 53 oz.	\$ 91.00

TRAILWISE sleeping bags will incorporate a superior new zipper in this year's product line. This nylon zipper runs smoother than earlier models and features two sliders which allow the zipper to be opened at either the head or the foot of the bag for greater temperature control. Customers wishing to purchase a new bag which they intend to couple with a previous model should so specify on their order and allow additional time for delivery.





TRAILWISE NORRLAND BAG. Cut full at shoulder and elbow section with roomy flare at the foot. Combines the freedom of a rectangular bag with the economy of weight and bulk found only in mummy styles. The shell and lining are of light, downproof Tenaya nylon. 5" differential cut allows full lofting of the white northern goose down. The baffles of nylon mesh are in the highly effective patented Chevron pattern. Right or left 72" double slider nylon side zipper provides efficient thermal control. Draft flap. Two Norrland bags may be zipped together for form a roomy double, even though the bags are of different lengths. Adjustable hood with drawcord. Colors are blue or orange. Supplied with waterproof stuffsack.

Norrland 184 will fit persons up to 5'8".

SN184/A - 34 oz. fill total wt. 59 oz. \$ 88.00

SN184/B - 40 oz. fill total wt. 65 oz. \$ 94.00

Norrland 192 will fit persons up to 6'2".

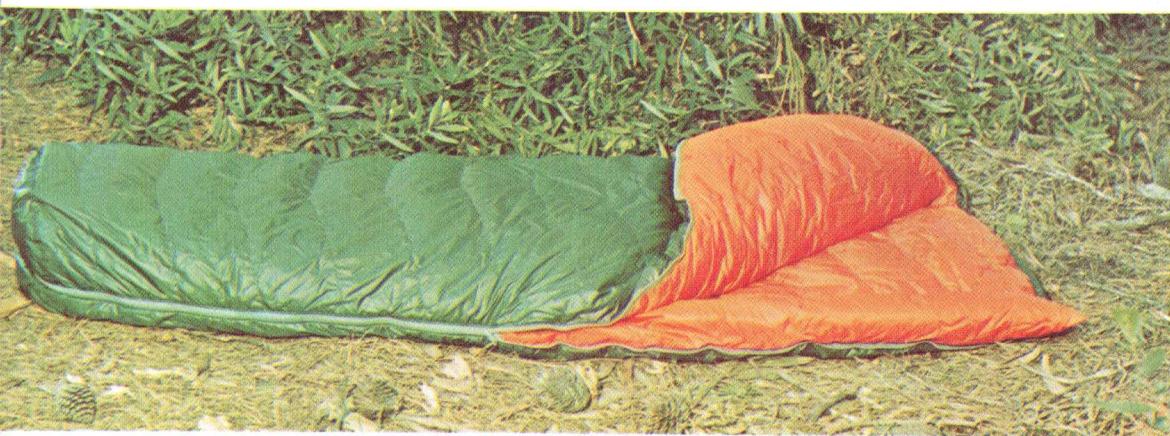
SN192/A - 39 oz. fill total wt. 66 oz. \$ 96.00

SN192/B - 45 oz. fill total wt. 72 oz. \$102.00

Norrland 198 will fit persons up to 6'6".

SN198/A - 44 oz. fill total wt. 74 oz. \$104.00

SN198/B - 50 oz. fill total wt. 80 oz. \$110.00



TRAILWISE COMBI BAG. For those who prefer a "rectangular" bag, this bag has a 5" taper from head to foot. Full length nylon zipper extends across foot section so that bag may be opened flat. 1.9 Ripstop throughout. Dark green outer shell with contrasting bright orange inner shell. Modified Chevron baffles set at 6" intervals. Filled with grey northern goose down. Will fit persons up to 6'4". Waterproof stuffsack included.

SCO185 - 32 oz. fill total wt. 76 oz. \$ 80.00



TRAILWISE DOUBLE MUMMY BAG. Accommodates two persons comfortably. Provides certain advantages over two single bags zipped together, i.e., less bulk and lower price. Shell is blue Tenaya nylon for lightness, luxuriosness, and durability. Strong nylon baffles are sewn in Chevron pattern. Fill is grey goose down. Superior individual thermal control is provided by two 72" side zippers with draft flaps and independent draw cord closures. Velcro fastening of center section between hoods permits opening of entire top of bag. Will fit persons up to 6'4". Supplied with 11" x 12" waterproof stuffsack.

SD108/A - 64 oz. fill total wt. 101 oz. \$150.00

SD108/B - 72 oz. fill total wt. 109 oz. \$158.00

COMPARATIVE BAG RATINGS

	Inside circumference at shoulders and hips*	Loft	Comfortable Mini- mum Temperature†
Slimline 942	59"-52"	8"	-10 F
Chevron 104	62"-54"	11"	-40 F
Double Mummy	101"-97"	8"	-5 F
Norrland 198	64"-56"	9"	-5 F
Combi	60"-56"	7"	25 F
Hosteler	58"-50"	6"	30 F

*Measurement given for larger bags. For smaller bags, subtract one inch.

†Computed for heavier fill. For lighter fill, adjust 5 to 10 degrees.

TRAILWISE HOSTELER BAG. A bag designed for those who want an inexpensive down-filled bag that will also be light in weight, able to take rough usage, and serve a variety of purposes. We feel this bag is suited to the summer backpacker, climber, cyclist, and for winter use in lodge or hut. This bag is fully baffled. 6" differential cut. Straight cross tubes with nylon baffling. No stitched-through seams. Recommended for the slender person under 6' in height. Fill is grey goose down. 72" metal zipper. Fabric is downproof Ripstop nylon. Color is green. Supplied with 7" x 18" stuffbag. SH105 — 20 oz. fill total wt. 43 oz. \$ 57.50

TRAILWISE DOWN-FILLED FOOTSACK/CHILD'S MUMMY BAG. When paired with a down-filled parka, the combination will serve as an emergency sleeping bag. Some may prefer to use this combination for an entire outing, thus saving weight while providing versatility. Also a superior child's bag for the young camper up to 4'2". Fully baffled; no stitched-through seams. Full 12" differential cut. Fill is grey goose down. No zipper. Fabric is Tenaya nylon, blue or orange. Supplied with 7" x 18" waterproof stuffbag. SF106 — 16 oz. fill total wt. 26 oz. \$ 42.50

TRAILWISE SLEEPING BAG COVER. A departure from the traditional design, our new cover is designed for a multitude of uses. Rectangular in shape, it measures 44" x 89". Large enough to accommodate any Trailwise bag with room left over for clothing and other gear. Will also double as tarp or ground-sheet. Ripstop nylon, green or orange as available; bottom is waterproof. S116 wt. 15 oz. \$ 12.00

SLEEPING BAG FACTS.

1. Each Trailwise bag has been carefully researched to arrive at an optimum weight of down filling. Most bags are offered in a heavy and light fill which we feel offers the practical limits of application. The addition of more down reduces the shell's efficiency and does not necessarily provide greater warmth. The Combi and Hosteler bags incorporate simpler shell design and are available in one fill weight only. For lower temperatures, a more sophisticated shell is indicated.
2. Sleeping bag temperature ratings are relative and should be used as an index of comparison between bags. The low temperature range of a bag depends on many variable factors: adequate ground insulation, humidity, wind speed, and most important, the metabolic rate and physical condition of the sleeper. There is considerable individual variation both in the ability of the body to produce heat and to tolerate cold. A hard day on the trail followed by an insufficient meal will lessen the body's ability to produce heat. Thermal underwear, sleeping bag cover, tent; all add greatly to the effective temperature range of a given bag.
3. Bag quality begins with the materials employed. Trailwise is particularly proud of their development of Tenaya cloth. The unusually high thread count (up to 146/inch) combined with a special finishing process make it virtually down-proof. Weight-to-strength ratio is excellent while the feel remains soft and luxurious. Tenaya cloth is exclusive with Trailwise and is used for all their best quality bags.
4. Goose down is universally recognized as the ultimate insulation produced by nature or man. Trailwise eschews the use of the more economical southern goose or waterfowl down and employs only the highest grade prime northern goose down collected from mature geese and painstakingly processed to eliminate any feathers or other impurities.
5. Trailwise quality construction methods include sewing off individual chambers to completely stop down shift between tubes.





TRAILWISE TWO-MAN MOUNTAIN TENT. A light-weight two-man tent of basic design. Exceptionally rigid under storm conditions. Made of Ripstop nylon; supported at each end by angle poles set in nylon sleeves. Floor is 56" x 89", height 48". Tunnel door on rear panel with mosquito net. Center zipper closure on front panel, backed with zippered nylon mosquito screen, provides complete ventilation and protection against insects. Sewn-in floor extends 13" up side of tent and is made of Urethane coated fabric. With guy lines, shock rings, and carrying case. Colors: green or orange.

T103... Tent only wt. 48 oz. \$ 90.00

Flysheet for Two-Man Mountain Tent. Coated waterproof Ripstop nylon.

T103/f wt. 16 oz. \$ 30.00

TWO-MAN MOUNTAIN TENT COMPLETE WITH POLES, PEGS, AND FLY.

T103/fp wt. 5 lbs. 10 oz. \$120.00

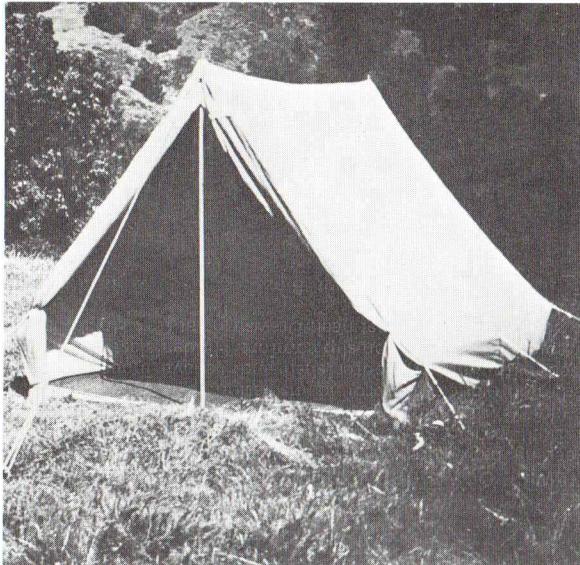
TRAILWISE TARP TENT. A 130" square of coated waterproof Ripstop nylon. By using various combinations of the 21 attached tie tapes and aluminum "dee" rings, this tarp may be pitched in a large variety of configurations, making it among the most adaptable of tents. May also be used as ground covering, or as a tarpaulin. 50' of cord included. Available in green or orange. Includes carrying case.

T108 wt. 44 oz. \$ 30.00



JAMET PCA 10 TENT. An extraordinary value in a two-man tent. Made to Trailwise specifications in France, this lightweight model holds two men and their gear in comfort. The rubberized waterproof floor is 4' x 6½', with a 16" vestibule in the rear. Height 39", with 10" walls all around to make every inch of floor space usable. Outside door and mosquito screen secured by center zippers. Aluminum upright pole at each end. Tent and fly sheet are bright orange densely-woven cotton. Fly sheet prevents rain penetration and provides insulating air space. Complete with fly sheet and aluminum poles and pegs.

T310 wt. complete 7 lbs. \$ 48.50



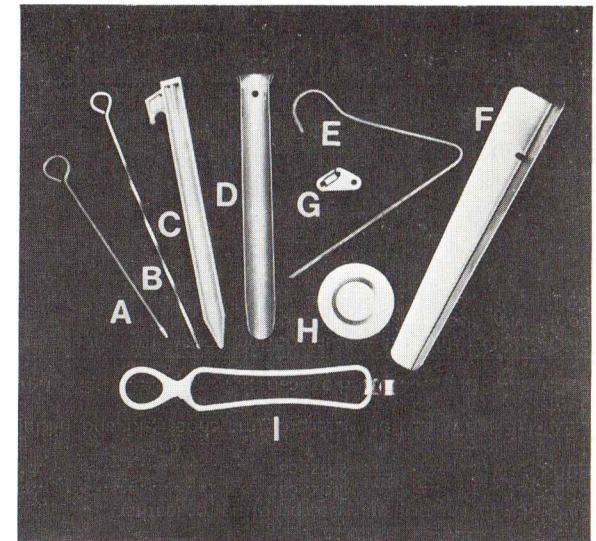
PLASTIC TUBE TENTS. A lightweight and useful emergency shelter made of polyethylene tubing. Ridge is formed by passing rope through tent. Body and gear anchors floor. Two grommet tabs are included for tying ridgeline taut. Colors: orange or green.

T109/1 One-Man Size. 8' circ. x 9'7" length
wt. 19 oz. \$ 2.50
T109/2 Two-Man Size. 12' circ. x 9'7" length
wt. 35 oz. \$ 3.50



TRAILWISE TENT POLES. Made of 5/8" aluminum tubing to fit Trailwise tents. Elastic cord holds sections together.

	length	sections	weight/pr.
T11056	56½"	3	13½ oz. ... pr. \$ 11.00
T11046	46½"	3	12 oz. ... pr. \$ 10.25
T11020	20-1/8"	1	4½ oz. ... pr. \$ 5.50
T11006	angle fitting, 6"	w/eyebolt	1½ oz. ea. \$ 2.00

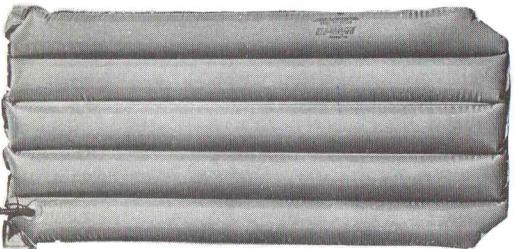


- A **DURALUMIN PEG.** Round wire. 7" long.
T615 wt. ½ oz. \$.15
- B **TWISTED SKEWER PEG.** Light, high tensile steel. 9" long.
T617 wt. 1 oz. \$.10
- C **DURAPEG.** Strong plastic I-beam construction. 9" long.
Color: bright orange.
T610 wt. 1¼ oz. \$.30
- D **ALL-PURPOSE PEG.** Aluminum half-tube. 8½" long.
T618 wt. 1¼ oz. \$.35
- E **"ANKER" PEG.** Steel wire. Self-adjusting arm. Will not pull out; increased tension anchors peg more firmly.
T606 5" x 7" wt. 2 oz. \$.25
T607 7" x 10½" wt. 4½ oz. \$.40
- F **ANGLE SNOW PEG.** Aluminum. 10" long.
T616 wt. 1¾ oz. \$.45
- G **GUY LINE TIGHTENER.** A small triangular slider, easily adjustable, which locks tent or tarp lines. 3/16" dia. holes; for parachute cord or similar.
T201 wt. ¼ oz. \$.07
- H **POLE BEARING PLATE.** Aluminum. For poles up to 1" in diameter.
T215 wt. ½ oz. \$.10
- I **CORD TENSION ADJUSTER.** An elastic link from peg to guy line. Absorbs wind shock on tent walls.
T114 wt. ½ oz. \$.50



GOOD COMPANION AIR BED. A hip-length air mattress with separately inflating pillow, made by Thomas Black. Main section has four longitudinal tubes. Sturdy rubberized canvas. Size 22" x 45".

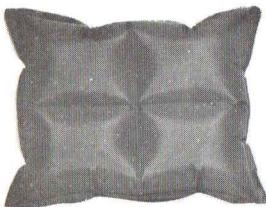
S345 30 oz. \$ 10.00



STEBCO AIR MATTRESSES. Durable lightweight nylon; vulcanized rubber on inside. 5 longitudinal tubes. Color: orange on one side, green on other.

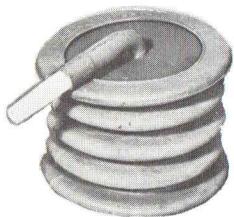
S348 . 22" x 48" . . 28 oz. \$ 10.00

S372 . 22" x 72" . . 42 oz. \$ 13.00



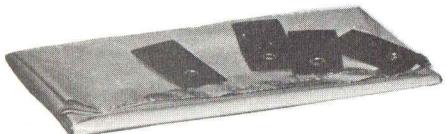
STEBCO AIR CUSHION. Simple versatile cushion/pillow for a multitude of uses. Nylon outside; vulcanized rubber inside. Plastic valve with attached stopper. Size 13" x 16".

S340 5 oz. \$ 2.50



LI-LO INFLATOR. A small hand pump that will inflate your mattress in minutes. A help at any altitude. Adaptable for any mattress.

S701 7½ oz. \$ 1.75



EXPENDABLE PLASTIC GROUNDSHEET. A very inexpensive ground sheet made of waterproof polyethylene plastic. 4 self-adhesive grommet tabs included.

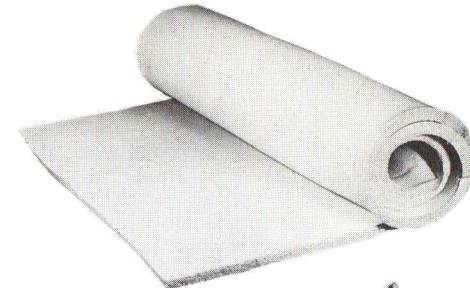
S119/58 5' x 8' 12 oz. \$ 1.75

S119/81 7' x 9' 20 oz. \$ 3.00

ENSOLITE SLEEPING PAD. Unicellular foam material noted for insulating efficiency. Will not soak up water like foam rubber. Reasonable comfort with superior protection against ground cold and damp. 3/8" thick. 19" x 42".

S121 14 oz. \$ 4.00

Other sizes and weights listed on fabric page.

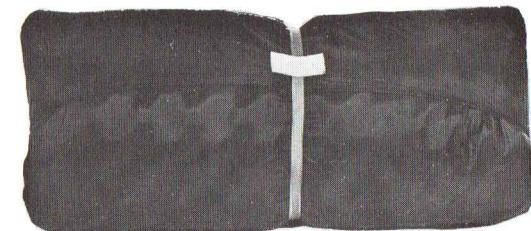
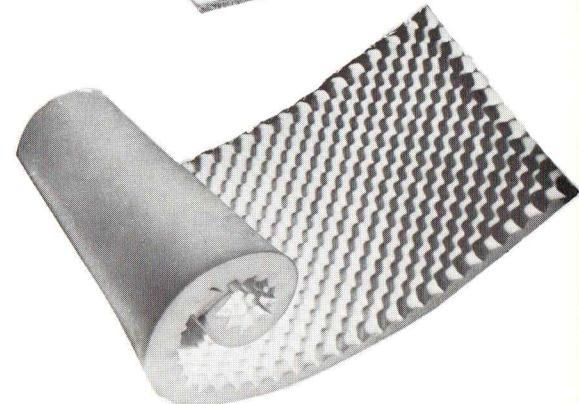


POLYURETHANE SLEEPING MAT.

Comfortable all-purpose mat of convoluted polyurethane. Equal in comfort to air mattresses and with superior insulating qualities; no punctures no inflating, light and durable. 2" overall thickness.

S123/3 21" x 38" . . 16 oz. \$ 4.00

S123/6 21" x 76" . . 32 oz. \$ 6.95



SLIMLINE PAD. 2" thick half-length foam pad, covered with waterproof Nylport. Flap arrangement holds pad when rolled. Doubles as an excellent baby mattress. Size 21" x 38".

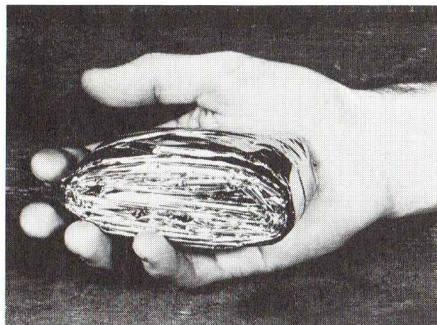
S122 22 oz. \$ 10.00



TRAILWISE NYLPORT GROUNDSHEETS. Fine nylon with double waterproof urethane coating; remains supple at low temperatures. Reinforced at points of strain; hemmed edges, grommets at corners.

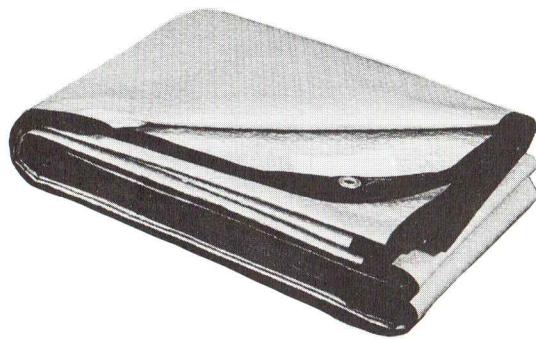
S120/57 5' x 7' 12 oz. \$ 11.50

S120/79 7' x 9' 24 oz. \$ 16.50



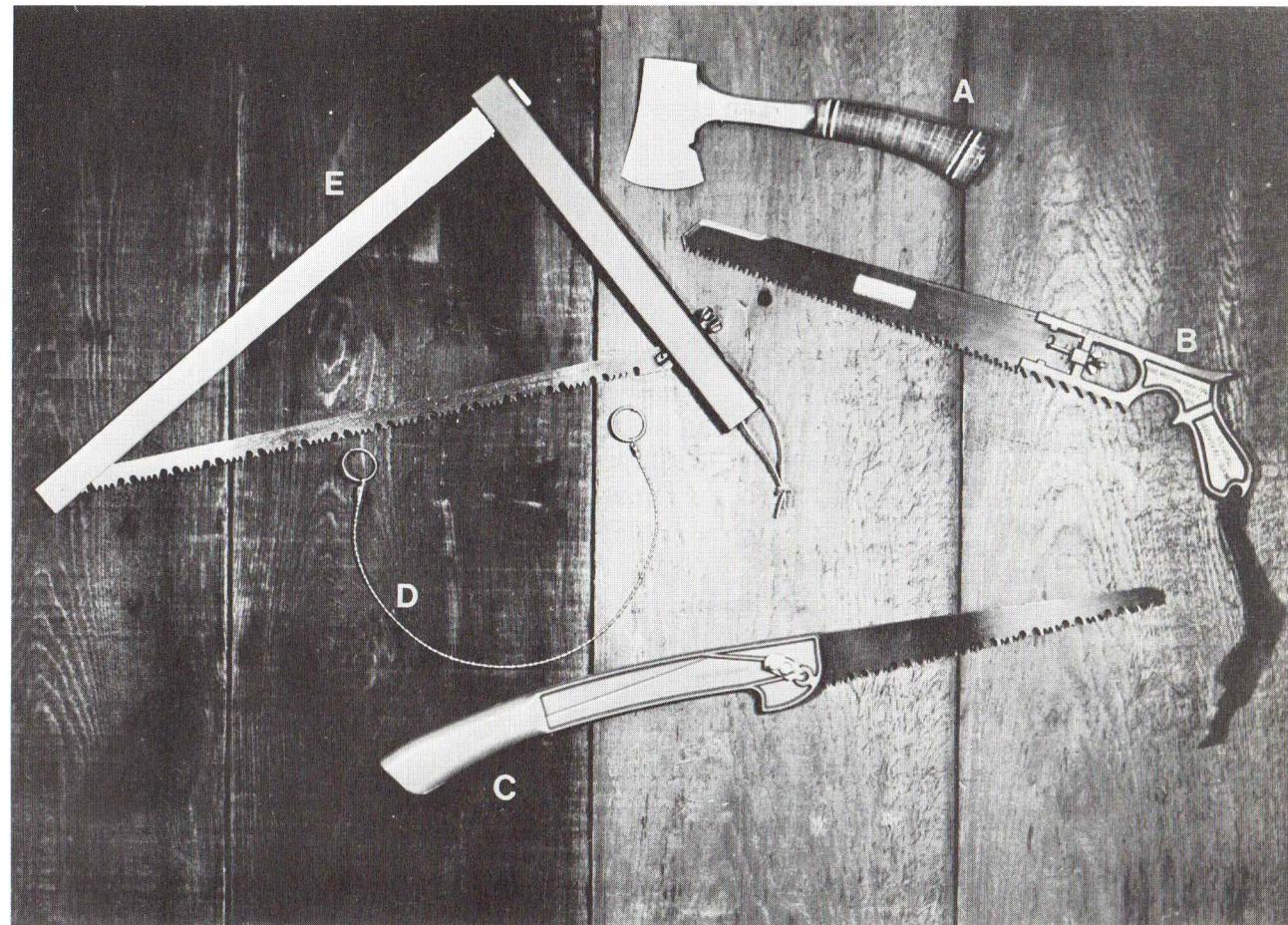
SPACE RESCUE BLANKET. Full-size (56" x 84") ultra-lightweight expendable emergency blanket based on a super-insulation material proven in space missions. Reflects up to 90% of a person's body heat back to him while keeping out rain, wind, and snow. Remains flexible at temperatures as low as 60 degrees below zero. May also be used as an emergency stretcher. Folds to a tiny 1½" x 2" x 4" and weighs only 2 ounces. Recommended for inclusion in any survival kit.

E702 wt. 2 oz. \$ 3.00



SPACE SPORTSMAN'S BLANKET. This amazing full-size (56" x 84") blanket reflects up to 80% of the body's warmth, yet folds to only 5½" x 8" and weighs a mere 11 ounces. Tough enough to take on the 1967 winter ascent of Mt. McKinley, the Sportsman's blanket has also proven itself in the jungles of Ecuador. Waterproof and windproof, it will never crack, rot, or mildew, and remains flexible at 60 degrees below zero. Pound for pound it is ten times warmer than wool; and with bound edges and grommeted corners, this versatile blanket may be used as a ground sheet, wind break, stadium or boat blanket—even a radar reflector. Colors: red, blue, or olive with silver.

E701 wt. 11 oz. \$ 8.00



A LIGHTWEIGHT ESTWING AXE. Forged from one piece of tempered steel. Rawhide grip permanently molded to handle. 12" long; cutting bit 2-7/8" long. Leather sheath included.

J511 wt. 16 oz. \$ 6.75

B SURVIVAL SAW. High carbon-manganese tool steel blade, with carefully hardened, filed, and set teeth. Unique design features include reversible handle of hardened aluminum alloy, large teeth on handle which assist in cleaning sawkerf, tip edged and pointed for starting cuts in snowblocks, 2" razor edge on back of blade for skinning or as emergency knife. Canvas carrying case with belt loop. Folded in case 14¼". Assembled 20¼".

J516 wt. 10 oz. \$ 13.95

C SWEDISH FOLDING SAW. Fast-cutting 11" blade folds safely into rugged plastic handle and locks open for use. J500 wt. 9 oz. \$ 5.00

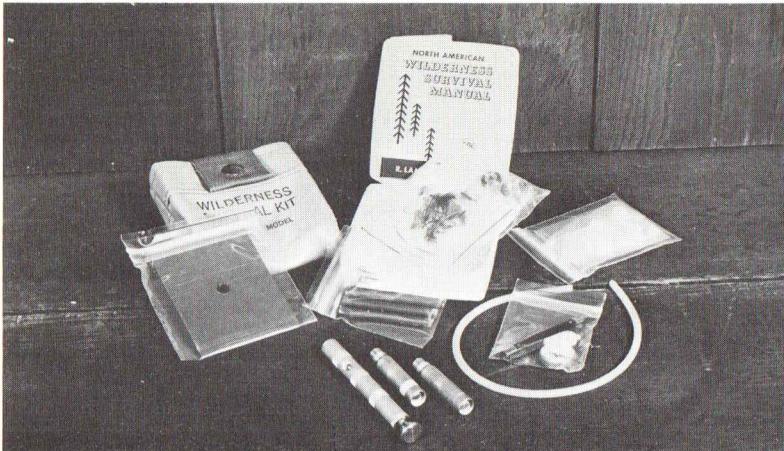
D WIRE SAW. A fine survival kit item. Hardened steel; rugged, lightweight, compact, and inexpensive, this unique little saw fills a variety of needs. A bow may be cut of green wood and fitted to the end rings, making an efficient bucksaw.

J522 wt. ½ oz. \$ 1.10

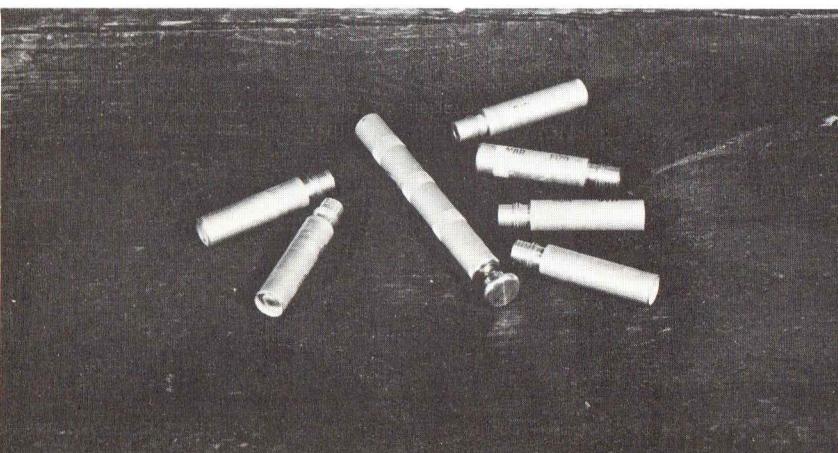
E SVEN SAW. Rugged folding bucksaw with tempered Swedish steel blade and frame of lightweight anodized aluminum. Single wing nut locks saw open or closed. 20" blade is completely and safely enclosed when saw is folded. Carrying size 23" x 1½" x ½".

J521 wt. 16 oz. \$ 8.00

J521/b Extra blades with stud .. wt. 16 oz. \$ 2.00



WILDERNESS SURVIVAL KIT. An excellent, compact, basic survival kit. Contains: Snare wire, fly line leader, nylon thread, three safety pins, ten assorted fishhooks, two plastic bags, ten wooden matches, three candles, four salt packets, aluminum foil, two adhesive pads, two Band-Aid strips, two gauze pads (2" x 2"), six aspirin, one single-edge razor blade, two needles, compass, whistle, pocket knife with two blades, 21" length of 1/8" rubber tubing, signaling mirror, aerial flare launcher with two .45 caliber red star aerial flares, and the North American Wilderness Survival Manual. The entire kit packs into a 4 1/4" x 4 1/4" plastic case which in turn is packed in a canvas case.
E901 wt. 10 oz. \$ 15.00



FLARE LAUNCHER AND SIX AERIAL FLARES. This flare gun cannot be carried in a cocked position, thus minimizing the possibility of accidental firing. It is the only flare launcher that will fire all .45 caliber aerial flares. Flares sold with this launcher have the following capabilities: Elevation 300-400 feet, candle power 10,000-12,000, visibility range 10-15 miles. Launcher is 4 1/4" long. **E903** wt. 4 oz. \$ 12.00

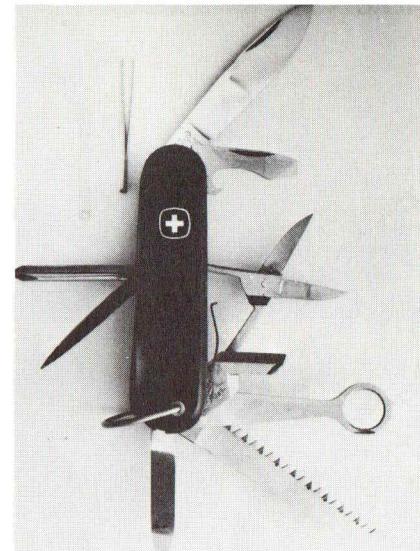
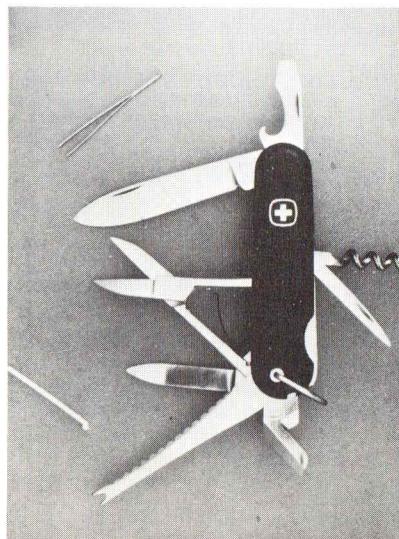
EXTRA FLARES FOR FLARE LAUNCHER. Packet of 4. **E903/a** wt. 1 1/2 oz. \$ 4.00

NOTE: Any orders containing flares cannot be sent by Parcel Post and will be shipped via United Parcel within our UPS service area. All others will be shipped REA Express collect. Minimum REA rates per shipment are ... \$ 5.50



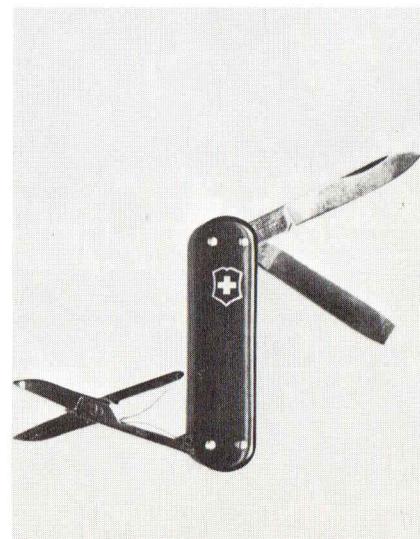
SWISS ARMY KNIFE NO. 730. Large Blade — Nail File — Can Opener — Cap Lifter — Corkscrew — Regular Screwdriver — Awl — Tweezers — Toothpick — Lanyard Ring.
J730 wt. 2 1/2 oz. \$ 6.50

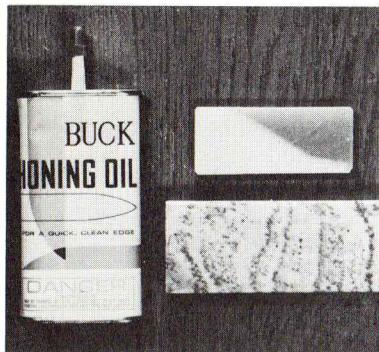
SWISS ARMY KNIFE No. 727. Large Blade — Nail File — Scissors — Can Opener — Hook Disgorger — Awl — Corkscrew — Tweezers — Toothpick — Lanyard Ring.
J727 wt. 3 oz. \$ 11.00



SWISS ARMY KNIFE No. 776L. Large Blade — Nail File — Scissors — Saw — Firestarting Glass — Can Opener — Screwdriver — Cap Lifter — Tweezers — Tooth Pick — Phillips Screwdriver — Awl — Lanyard Ring.
J776 wt. 4 3/4 oz. \$ 14.00

EXECUTIVE SWISS ARMY KNIFE. Diminutive size (2 1/4" long) conceals a variety of useful functions: Pen Blade, Nail File and Scissors.
J782 wt. 1/2 oz. \$ 5.30

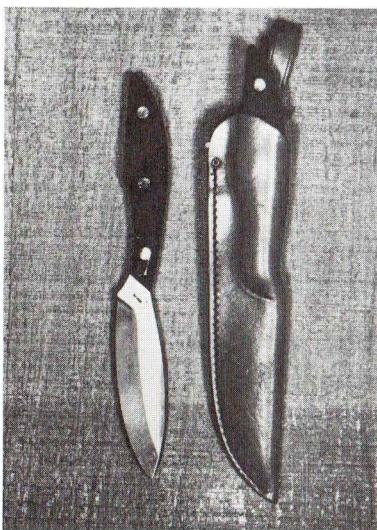




BUCK HONING KIT. Everything you need to keep your Buck knives shaving sharp. Washita stone for fast sharpening of tough Buck steel. Buck Honing Oil promotes abrasive action of stone and speeds up sharpening. Arkansas finish stone for that final razor edge. Packed in plastic case.

J133 13 oz. \$ 4.75
J130 Arkansas Stone. 1 oz. \$ 2.50

J131 Washita Stone 4 oz. \$ 1.75
J132 Honing Oil 4 oz. \$.85



RUSSELL BELT KNIFE. This unusual knife has received many design awards for beauty and function. Handcrafted in Nova Scotia. Blade is of high carbon Swedish steel. Unequalled for holding a keen cutting edge. Rosewood handle is secured by three brass rivets. Molded cowhide scabbard. 4" blade.
J150 wt. 6 oz. \$ 16.00



BUCK KNIVES.

Each knife comes with a non-reflective black sheath of tough cowhide, with a snap-down safety flap to cover the handle and protect against loss.

Buck knives are entirely handmade and fully guaranteed for the lifetime of the purchaser. They are further guaranteed to hold an edge better than any other knife known today.

A FOLDING HUNTER. 4" blade pivots on $\frac{1}{4}$ " bearing and has positive lock in open position. Handle is golden-grain Macassar ebony wood with solid brass bolsters and liner cast in one piece. May be carried in pocket or sheath. An ideal heavy-duty outdoor knife for those preferring a folding blade. Overall length when closed is 5".
J110 wt. 8 oz. \$ 16.00

B SPECIAL. A heavy-duty Bowie-styled knife with blood grooved 6" blade. Beautifully balanced and shaped. Good for all around camp use.
J119 wt. 12 oz. \$ 20.00

C FISHERMAN. 5 $\frac{3}{4}$ " slightly curved flexible blade makes this an excellent filleting knife.
J121 wt. 6 oz. \$ 14.00

D PATHFINDER. Heavy-duty 5" blade curves upward at tip for skinning. An excellent general use hunting and fishing knife.
J105 wt. 7 oz. \$ 16.00

E PERSONAL. Mr. Buck's original design has never required alteration. 4 $\frac{1}{2}$ " blade combines upswept point of skinner with slender blade of small game knife.
J118 wt. 6 $\frac{1}{2}$ oz. \$ 14.00

F WOODSMAN. 4" straight blade with fine point for cleaning fish or dressing out small game as well as general camp use.
J112 wt. 6 oz. \$ 13.00

G CAPER. The smallest of the Buck line. 3 $\frac{1}{4}$ " blade makes this ideal for more precision uses; cleaning and dressing pan fish, small game, and birds.
J116 wt. 5 $\frac{3}{4}$ oz. \$ 14.00

H SKINNER. Broad 4" blade. A special purpose knife for skinning.
J103 wt. 8 $\frac{1}{2}$ oz. \$ 18.00

I STOCKMAN. 3 blades of Buck quality steel in a precision tool to fit the pocket. Brass liners; non-slip grips. Longest blade 3". Overall length closed 4".
J120 wt. 3 oz. \$ 13.00

J CADET. A $\frac{3}{4}$ -scale version of the Stockman pocket knife. Longest blade 2 $\frac{1}{2}$ ". Overall length closed 3 $\frac{1}{4}$ ".
J123 wt. 1 $\frac{1}{2}$ oz. \$ 12.00



A FOLDING CANDLE LANTERN. A light and compact lantern. Mica windows on three sides and hinged door on rear. Large reflector. Folds flat into a compact 5 $\frac{1}{8}$ " x 2" x 6". Size when open 3" x 3" x 6". Properly vented.
E210 wt. 4 oz. \$ 3.00

B FRENCH CANDLE LANTERN. Cylindrical aluminum lantern, 2" x 4 $\frac{1}{2}$ " when collapsed. Opens to 11 $\frac{1}{2}$ " long. Shielded glass chimney; spring mechanism keeps candle at uniform burning height. Safe and efficient.
E209 wt. 3 $\frac{1}{4}$ oz. \$ 4.75

STEARENE CANDLES. For use with candle lanterns. Burning time over 3 hours.
E211 wt. 2 oz. each \$.07
1 dozen \$.80

C MALLORY FLASHLIGHT. Compact flashlight that throws 250-foot beam. Molded plastic case. Comes with 2 AA manganese batteries. Case is 4" long.
E105 wt. w/batt. 3 $\frac{1}{2}$ oz. \$ 1.98

D BLEUET LANTERN. Uses same butane cartridge as Bleuet stove. Economical and simple; just turn valve and light. Burns 4 $\frac{1}{2}$ -5 hours at full-on position. Frosted glass globe for bright glare-free light. Height 12". Supplied with one cartridge.
E216 wt. w/1 cart. 37 oz. \$ 12.95

BUTANE CARTRIDGES FOR LANTERN. See stove page.

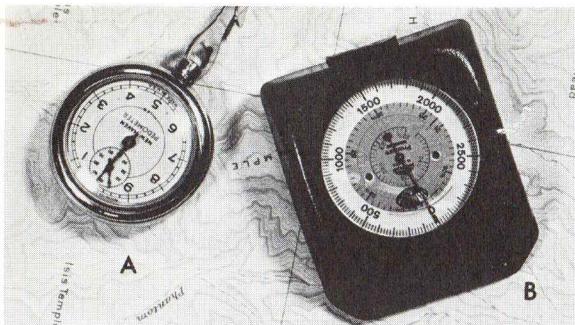
BLEUET MANTLES. E217 \$.40

FROSTED GLASS CHIMNEY. For Bleuet lanterns.
E218 \$ 1.50

E BRITISH HEAD LAMP. Well-made and sturdy—holds 3 D-size batteries. The lamp may be detached from the battery case and worn on the head by means of an elastic band while case is carried on belt or in pocket. Folding wire handle. Battery case measures 5 $\frac{1}{2}$ " x 3" x 1 $\frac{1}{2}$ ".
E101 wt. 14 oz. \$ 9.00

ALKALINE BATTERIES. Five to ten times the life of an ordinary battery.

E121 "AA" size \$.65
E124 "D" size \$ 1.00

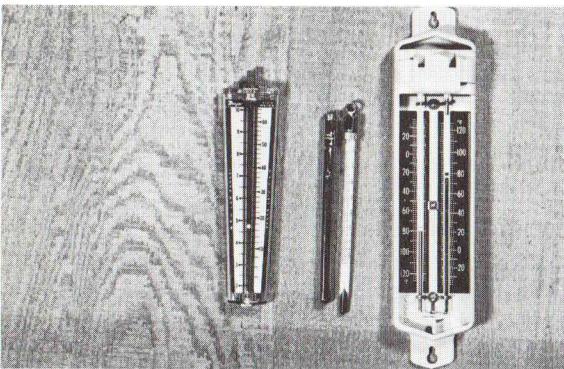


NEW HAVEN PEDOMETER. Registers up to 100 miles. Has clip for fastening directly to belt. 90-day factory guarantee against all defects in material and workmanship. Polished nickel chrome finish.

J202 wt. 3 oz. \$ 8.00

THOMMENS HIGH ALTITUDE ALTIMETER. Reads up to 18,000 feet with accuracy of about 30 feet within the entire range. Compensated for temperature changes. Instrument also has a barometric scale with a range of 22.5" to 31" of mercury. Comes in neat leather case. Size 2-7/8" x 2 1/2" x 7/8".

J201 wt. 3 oz. \$ 40.00



WIND SPEED INDICATOR. Accuracy of 1/2 mile/hr. on low scale and 3 mile/hr. on high scale. Dual range scale reads from 2 to 60 miles/hr. Instrument is precision die molded of acrylic plastic. Size: 8" x 3" x 1/2".

J101 wt. 2 1/2 oz. \$ 7.00

THERMOMETER. Ideal for mountaineers and campers. Range of -30° F. to 130° F. Comes in a metal case 6 1/4" long, 3/8" diameter (about pencil size) with pocket clip and carrying ring.

J102 wt. 1 1/2 oz. \$ 3.35

GLASS STEM REPLACEMENT TUBE for above thermometer.

J404 \$ 2.50

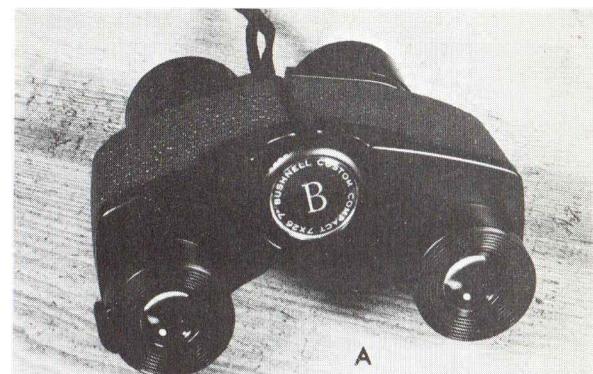
MAX-MIN THERMOMETER. Has a range from -30° F. to 130° F. This instrument will record the lowest temperature and the highest temperature from the time of its last setting. Easy to reset. Small size: 2-3/8" x 10 1/2" x 1 1/4".

J103 wt. 6 oz. \$ 13.00

A BUSHNELL CUSTOM COMPACT BINOCULARS. Selected by NASA scientists for use in Gemini space flights, this is the finest compact binocular we have ever seen. Three inches high and weighing only 11 ounces, the Custom Compact easily fits into jacket or shirt pocket. Featuring superb optics, rugged construction and extendable eye cups that give a full field of vision with or without glasses. Clarity and brilliance are unsurpassed. Now comes in soft zippered carrying case of top-grade black cowhide. Twenty-year guarantee on parts and service. Field of view at 1,000 yards: 420'. Center focus.

J405 6 x 25 wt. 11 oz. \$ 64.50

J406 7 x 26 wt. 11 oz. \$ 69.50



BUSHNELL 7 x 18 PRISMATIC BINOCULARS. Center focus. Featherlight, palm/pocket size. Magnifies 7 times. Light gathering ratio 2.57:1. Angle of field 6.20. Bushnell quality throughout. For those who go light: mountaineers, backpackers or light-weight travelers. Includes fitted carrying case. Bushnell 20 year guarantee.

J403 wt. 6 oz. \$ 29.50

BUSHNELL MONOCULAR. A small (3 1/2") prismatic scope made to Bushnell standards of precision and quality. Fully coated lenses and prisms project crisp, brilliant, distortion-free views. Comes with two readily interchangeable lenses: 8 power, 24 mm, wide view lens gives a 437' viewing circle at 1,000 yards; 6 power, 18 mm, extra-wide view lens gives a 577' viewing circle (equal to widest angle binoculars) at 1,000 yards. Either lens may be used alone as a magnifying glass. Soft, zippered carrying case, wrist strap, and protective lens caps are included.

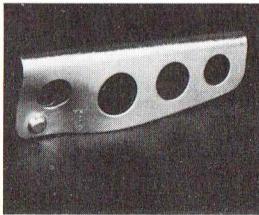
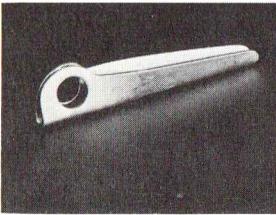
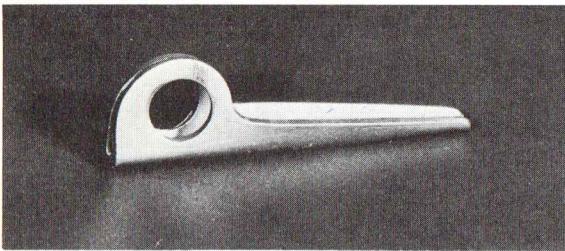
J401 wt. 4 oz. \$ 19.95



ALARM WRIST WATCH. Swiss made. Sweep second hand. Stainless steel case, 17 jewels. Antimagnetic incabloc. Unbreakable mainspring. Buzz alarm will run for 15 seconds. Leather wrist band. Watch size 1-3/8" diameter x 3/8".

J105 wt. 1 1/2 oz. \$ 55.00





CHOUINARD PITONS

WEDGE ANGLES

HY 102	$\frac{1}{2}$ "	2 oz.	\$ 1.25
HY158	$\frac{5}{8}$ "	2 oz.	\$ 1.25

REGULAR ANGLES

HY034	$\frac{3}{4}$ "	3 oz.	\$ 1.35
HY010	1"	4 oz.	\$ 1.40
HY014	$1\frac{1}{4}$ "	$4\frac{1}{2}$ oz.	\$ 1.50
HY015	$1\frac{1}{2}$ "	5 oz.	\$ 1.75
HY020	2" w/lightening holes	6 oz.	\$ 2.00

CLOGWYN CLIMBING NUTS. Beautifully designed with precision machining, these climbing nuts are a worthwhile complement to any piton selection. They are far lighter than pitons, being formed of high-strength aluminum, and they are easier to place and remove. Because of their method of placement, climbing nuts do not aggravate expanding flakes, and they work in cracks too shallow for proper piton placement.

HEXAGONALS

HBH-1		\$.50
HBH-2		\$.60
HBH-3		\$.65
HBH-4		\$.75
HBH-5		\$ 1.00
HBH-6		\$ 1.25

WEDGES

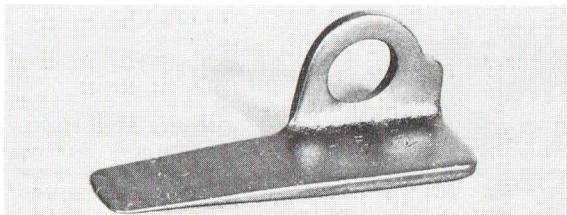
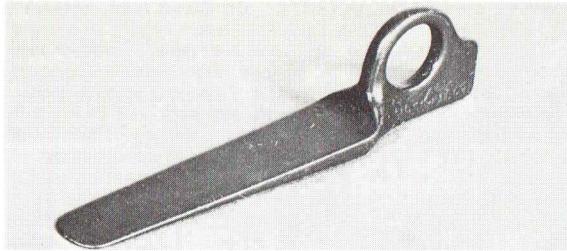
HBW-1		\$.50
HBW-2		\$.60
HBW-3		\$.60
HBW-4		\$.60
HBW-5		\$.60
HBW-6		\$.75

HEX WITH WIRE LOOP

HBH/w-1		\$ 1.75
HBH/w-2		\$ 1.75
HBH/w-3		\$ 1.75
HBH/w-4		\$ 1.75

WEDGE WITH WIRE LOOP

HBW/w	Wedge with wire loop	\$ 1.75
HBW/w-1	Wedge-wedge with loop-small	\$ 1.75
HBW/w-2	Wedge-wedge with loop-large	\$ 1.75

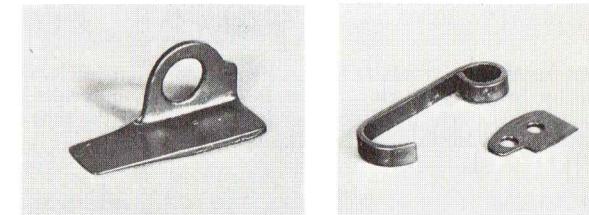
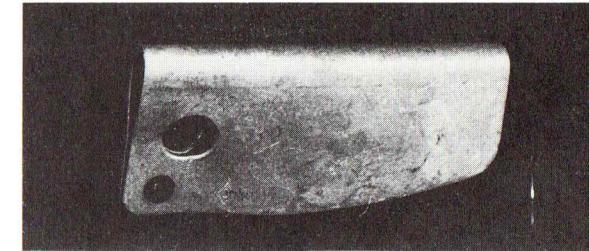


LOST ARROW HORIZONTALS

HY401	Short Thin	2 oz.	\$ 2.25
HY402	Short Medium	$2\frac{1}{4}$ oz.	\$ 2.25
HY403	Short Thick	$2\frac{1}{2}$ oz.	\$ 2.25
HY404	Long Thin	$2\frac{3}{4}$ oz.	\$ 2.25
HY405	Long Medium	3 oz.	\$ 2.25
HY406	Long Thick	$3\frac{1}{4}$ oz.	\$ 2.25
HY407	Wedge	$3\frac{1}{4}$ oz.	\$ 2.25
HY408	X-Long Thick	4 oz.	\$ 2.25

BUGABOO PITONS

HY002	Short Thin	1 $\frac{1}{2}$ oz.	\$ 1.50
HY003	Long Thin	3 oz.	\$ 1.50



ALUMINUM BONGS

HY610	2"	4 oz.	\$ 2.50
HY611	$2\frac{1}{2}$ "	6 oz.	\$ 2.70
HY612	3"	8 oz.	\$ 3.00
HY613	4"	10 oz.	\$ 3.40

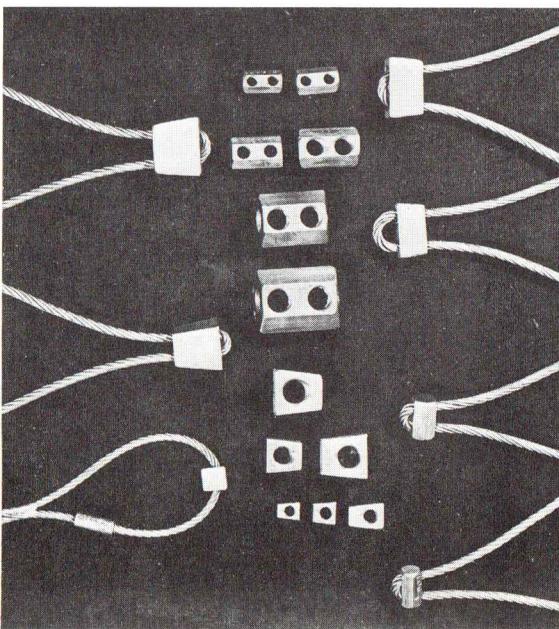
KNIFEBLADES

HY004	Standard	1 $\frac{1}{4}$ oz.	\$ 1.50
HY005	Thick	2 oz.	\$ 1.50

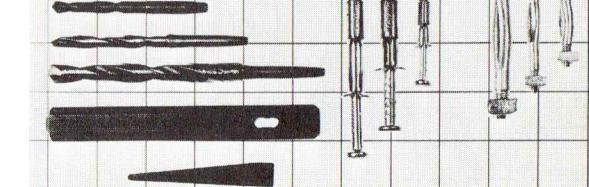
CLIFFHANGER

HY009		2 oz.	\$ 1.65
RURP			

HY000		$\frac{3}{4}$ oz.	\$ 1.50
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BOLT EQUIPMENT



HOLDER FOR 1/4" AND 3/8" DRILLS.

HN100	wt. 8 oz.	\$ 1.75
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DRILLS: Two-flute for faster drilling.
1/4" size for rawl bolts.

HN214		\$ 1.25
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HN414		\$ 1.25
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3/8" size for Rawl or Star Dryvins			
HN238			\$ 1.90

BOLTS: Rawl type:

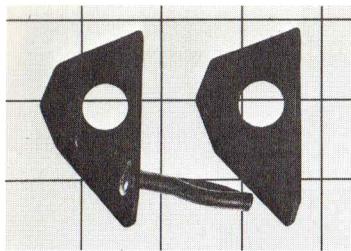
HN514	1/4" stud x 1 $\frac{1}{2}$ "	\$.18
HN614	1/4" stud x 2"	\$.20

HN638	3/8" stud x 2 $\frac{1}{2}$ "	\$.30
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Star Dryvin type:

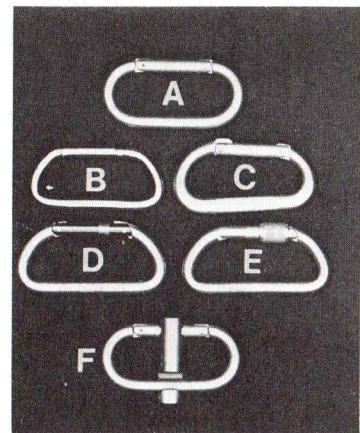
HN714	1/4" x 1"	\$.11
HN838	3/8" x 1 $\frac{1}{2}$ "	\$.18

HN938	3/8" x 2"	\$.20
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LEEEPER CARABINER HANGER WITH COMPRESSION BOLT. Chrome-moly steel 1/16" stock. 1/4" rawl drive. 1 1/2" long.
HL910 . . . wt. 1 1/2 oz. . . . \$.40

LEEEPER CARABINER HANGER WITHOUT BOLT. Chrome-moly steel 1/16" stock. Specify 1/4" or 3/8" bolt hole size.
HL914 . 1/4" . . . 7/8 oz. \$.25
HL938 . 3/8" . . . 7/8 oz. \$.25



A OVAL CARABINER. Aluminum alloy. Notched gate. Tests about 2700 lbs.
HK102 . . . 2 oz. . . . \$ 2.00

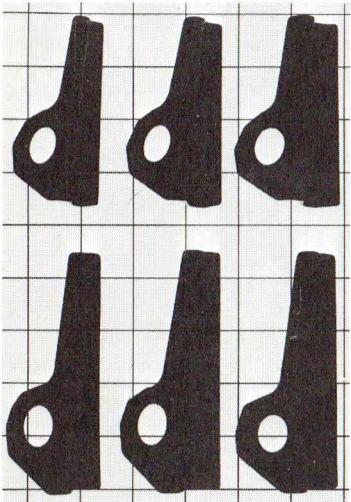
B CHROME-VANADIUM STANDARD CARABINER. Extra high strength. Tests about 7500 lbs.
HK213 . . . 4 1/2 oz. . . . \$ 3.25

C CHOINARD CARABINER. Aluminum alloy. Tests about 4500 lbs.
HK100 . . . 2 1/3 oz. . . . \$ 3.50

D BONAITI CARABINER. Aluminum alloy. Tests about 4800 lbs.
HK215 . . . 2 3/4 oz. . . . \$ 3.00

E BONAITI LOCKING CARABINER. Aluminum alloy. Tests at 5000 lbs.
HK216 . . . 2 4/5 oz. . . . \$ 3.50

F ALUMINUM BRAKE BAR. For friction braking on rappels. Machined to fit Ski Hut oval carabiner.
HK300 . . . 1 1/4 oz. . . . \$ 1.25



LEEEPER PITONS MODEL A. To fit cracks 5/16" to 7/16" wide.
HL503 . 1 1/2" blade 2 oz. . . \$ 1.00
HL504 . 2 1/2" blade 2 1/2 oz. . \$ 1.00
MODEL B. To fit cracks 7/16" to 9/16" wide.
HL703 . 1 1/2" blade 2 1/2 oz. \$ 1.00
HL704 . 3" blade . 3 1/2 oz. . \$ 1.00

MODEL C. To fit cracks 9/16" to 11/16" wide.
HL903 . 1 3/4" blade 3 oz. . . \$ 1.15
HL904 . 3 1/2" blade 4 1/2 oz. \$ 1.15



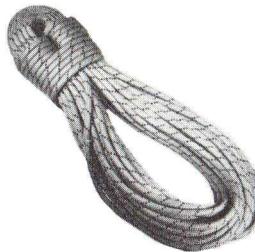
SALEWA HOLLOW TUBE ICE SCREW. A machine tooled ice screw designed for maximum strength and holding power.
HS905 . 5" long . . . 3 oz. . . . \$ 3.50
HS906 . 6 1/2" long . . . 4 oz. . . . \$ 3.50
M114 . . . wt. 7 oz. . . . \$ 12.00

NYLON TUBULAR SLING MATERIAL.

TN001 . 1" width	4800 test per ft. \$.10
TN012 . 5/8" width	1850 test per ft. \$.05
TN096 . 9/16" width	1000 test per ft. \$.04

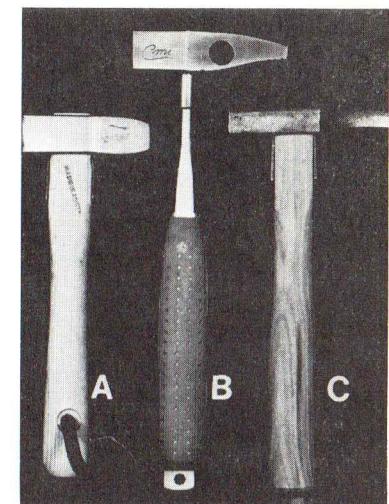
NYLON CLIMBING SLINGS. Loops made from 1" width tubular nylon, strongly stitched with nylon thread. Test 4700 lbs.

M105/44	44" circle wt. 2 oz. \$ 1.25
M105/48	48" circle wt. 2 1/8 oz. \$ 1.35
M105/51	51" circle wt. 2 1/4 oz. \$ 1.65
M105/96	96" circle wt. 4 oz. \$ 1.75



EDELRID PERLON CLIMBING ROPE. This West German import has replaced all other types of climbing ropes on the Continent. Its unique inner construction is covered with a woven exterior sheath. The strongest, easiest handling rope available. Does not twist or spin. Does not stiffen when wet. Red, white, or gold.

CP712 . 11 mm x 120' . . .	4800 test 5% lbs. \$ 39.00
CP715 . 11 mm x 150' . . .	4800 test 7 lbs. \$ 42.00
CP315 . 9 mm x 150' . . .	3200 test 5 lbs. \$ 32.00
CP100 . 6 mm	2200 test white only . . . per foot \$.10



A PITON HAMMER MODEL 'C'. German made. Chisel head is anchored with iron straps. Ash handle with leather thong.
HH101 . . . wt. 20 oz. . . . \$ 4.85

B CMI HAMMER. This exceptional hammer is perfectly balanced. Head is made of tempered tool steel. Shaft is thick-walled aircraft tubing. Hard rubber grip with cord tie-on. Serrations on pick for extracting pitons. Carabiner hole. Each hammer is serial numbered and guaranteed for one year. Length 12-3/8".
HH300 . . . wt. 24 oz. . . . \$ 15.00

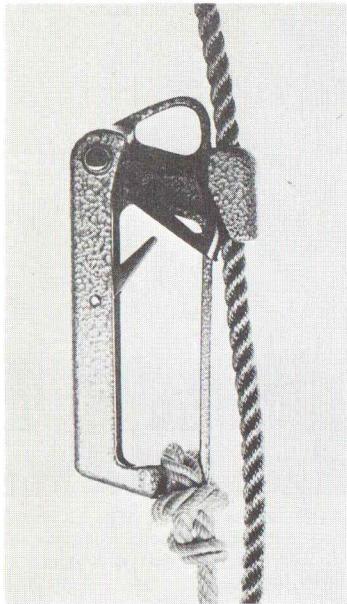


PLYMOUTH GOLDLINE CLIMBING ROPE. A synthetic gold-colored fiber woven into 3-strand 'hard lay' especially for mountaineering use. 7/16" diameter recommended for continuous climbing. 3/8" diameter satisfactory for moderate climbing and most belaying requirements on ice or snow.

CG712 . 7/16" x 120' . . .	5550 test 7-1/8 lbs. \$ 26.50
CG715 . 7/16" x 150' . . .	5550 test 8 3/4 lbs. \$ 33.00
CG312 . 3/8" x 120' . . .	4000 test 4-1/8 lbs. \$ 19.75
CG315 . 3/8" x 150' . . .	4000 test 5 1/2 lbs. \$ 24.50
CG716 . 7/16" bulk . . .	per ft. \$.24
CG038 . 3/8" bulk . . .	per ft. \$.17
CG014 . 1/4" bulk . . .	1950 test per ft. \$.10

LEATHER HAMMER HOLSTER. Riveted construction. Slits for belt. Holster mounts close to belt so it will not twist when pulling hammer out.
HH110 . . . wt. 1 1/2 oz. . . . \$ 1.65

DOLY HAMMER HOLSTER. Tough but flexible nylon holster. Unlike leather, this material will not soften with age. Riveted construction.
HH112 . . . wt. 1 oz. . . . \$ 3.25



JUMAR ASCENDERS. Swiss-made device for ascending ropes. Replaces the use of Prussik knots. Strongly constructed of cast aluminum alloy. Can be used on ropes $\frac{1}{4}$ " to $\frac{1}{2}$ " diameter. Slings included. Used in pairs.

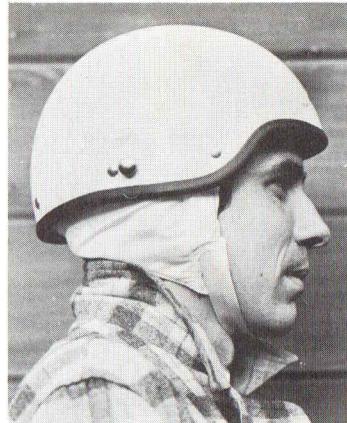
HE103

wt. per pair 14 oz. each \$ 16.00
pair \$ 31.50



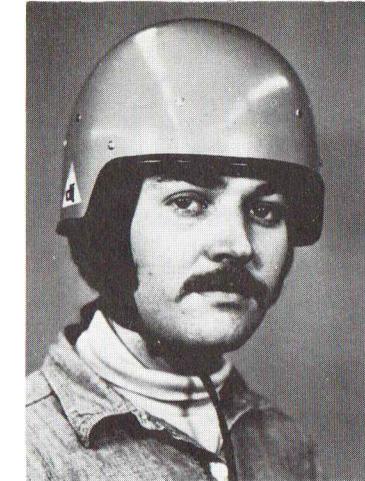
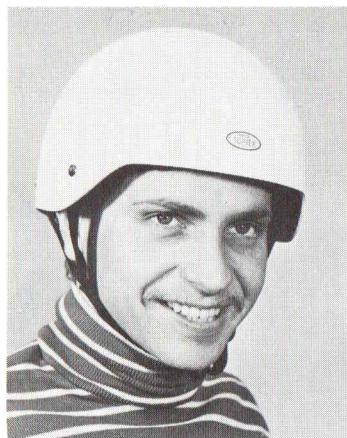
SWAMI BELT. Allows easy tie-in for general climbing. Offers good support to small of back. Particularly useful for tension climbing. Strong nylon web construction. Hammer holder and carabiner loops.

M101 wt. 8 oz. \$ 5.95



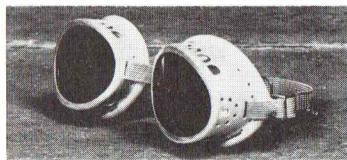
SKIAT. Snell Foundation-approved heavy gauge shell. Thickly padded nylon head band for comfort. Collar wraps around back of head and ears.

HT102 . ave. wt. $1\frac{1}{4}$ lbs. \$ 25.00



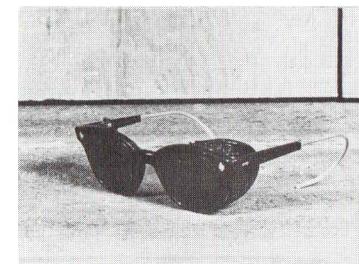
JOE BROWN HELMET. Designed and manufactured especially for climbers by Joe Brown. Light and tough, this helmet meets the stringent British Mountaineering Council requirements for impact and shock absorbtency. Inner liner is removable to provide good warm weather ventilation. Adjustable design provides a good fit. Small— $6\frac{1}{2}$ to $6\frac{7}{8}$, medium— 7 to $7\frac{1}{4}$, large $7\frac{3}{8}$ to $7\frac{3}{4}$. Colors: red, blue.

HT101 ave. wt. 1 lb. 14 oz. \$ 16.50



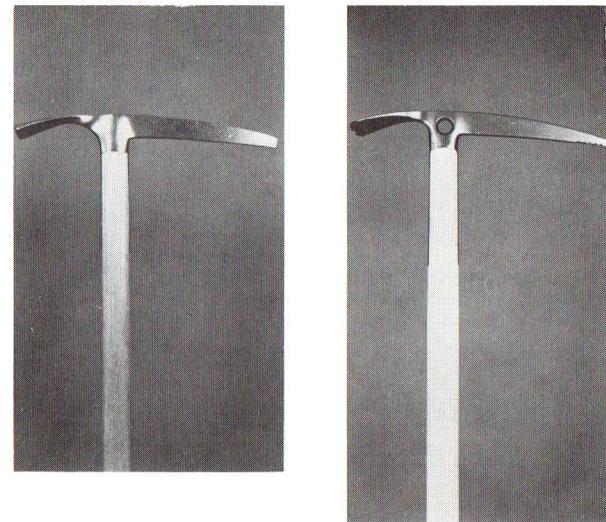
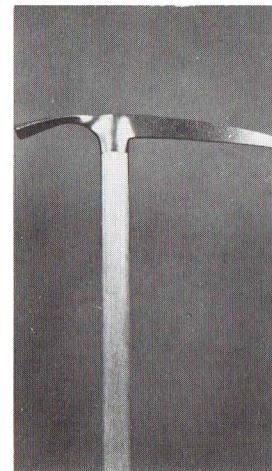
SNOW GOGGLES. Ventilated aluminum frame, cushioned by molded rubber. Adjustable elastic head band. Plastic lenses.

ME101 wt. $1\frac{1}{2}$ oz. \$ 1.25
spare lenses per pair \$.25



SAFETY GLASSES. An ideal glass for skiers and climbers. Tough plastic frames with perforated side shields. Adjustable ear-pieces. Green armor-plate lenses are mounted to prevent glass being driven toward eyes if blow is received.

E102 wt. 2 oz. \$ 5.50



GRIVEL ICE AXE. Laminated handle offers exceptional strength. Superbly forged head. One of the finest axes made. Lengths 32" — 42".

M205 average wt. 38 oz. \$ 24.00

NANGA PARBAT ICE AXE. Lightweight. Thin bladed pick with deeply serrated tip grips well in ice. Short adze provides greater leverage for cutting ice. Carabiner hole. Ash handle. Lengths 29" — 40".

M207 average wt. 28 oz. \$ 19.00



RUBBER COVER FOR ICE AXE HEAD. Molded in one piece. Stretches to fit axe head.

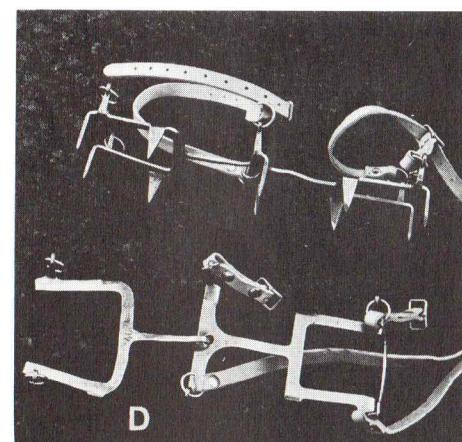
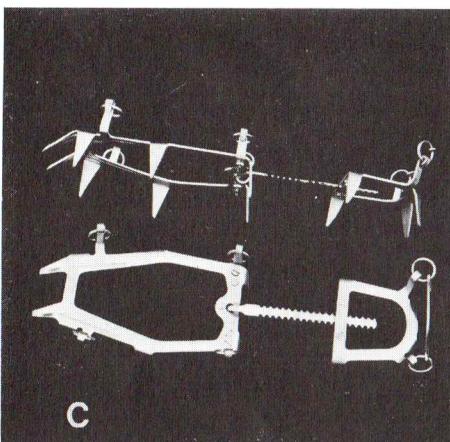
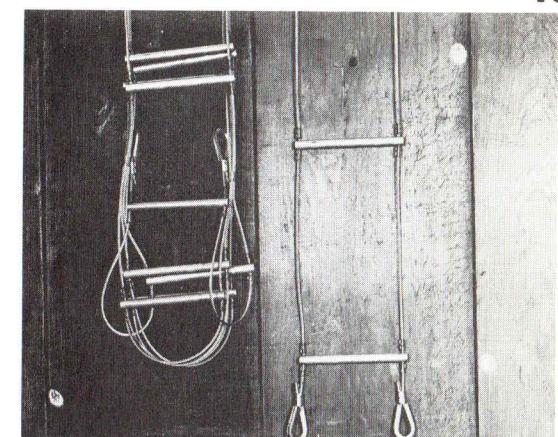
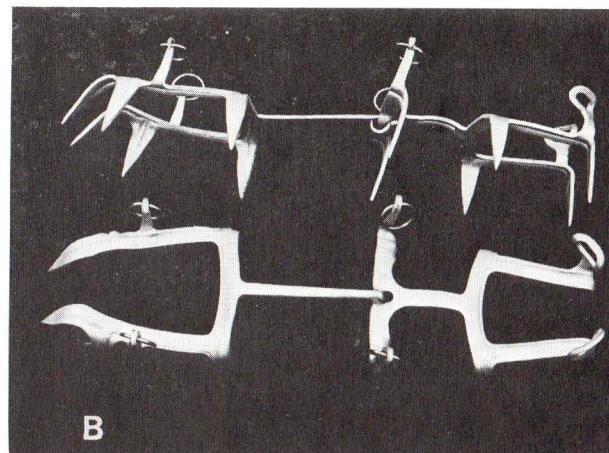
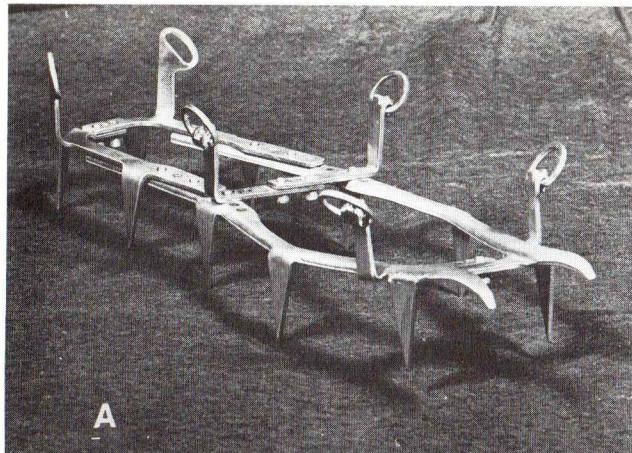
MA221 wt. $1\frac{1}{4}$ oz. \$ 1.25

ICE AXE RUBBER TIP PROTECTOR. Hard rubber tip, serrated at bottom. Tapered hole for ice axe tip.

MA222 wt. $\frac{3}{4}$ oz. \$.50

ICE AXE REPLACEMENT GLIDE RING AND STRAP. 1" nylon web strap with aluminum glide ring.

M110 wt. $\frac{1}{2}$ oz. \$ 1.75



A CHOUINARD TWELVE POINT CRAMPONS. Fully adjustable in length and width to provide perfect fit on boot sizes 5-14. Rigid design for unexcelled point penetration on technical ice. Points are sized to work equally well on snow or ice. Alloy steel is used for low-temperature strength and the Chouinard crampon is guaranteed against breakage. Cadmium plated to prevent rust. The finest crampon available today.

MC700 wt. 24 oz. \$ 35.00

B SIMOND EVEREST TWELVE POINT CRAMPONS. Long points are superior for most snow conditions; broad toe points provide better grip on steep, technical walls. Send outline of boot sole when ordering.

MC512 average wt. 28 oz. \$ 23.50

C SALEWA ADJUSTABLE TWELVE POINT CRAMPONS. Adjustable to fit any boot, sizes 6-13, any width. An exceptionally strong crampon for the most difficult of ice climbing.

MC612 wt. 22 oz. \$ 16.00

D GRIVEL TEN POINT CRAMPONS. Non-technical general use crampons. Strong steel alloy. Send outline of boot sole when ordering.

MC401 average wt. 22 oz. \$ 19.50

E STUBAI FOUR POINT INSTEP CRAMPONS. Recommended for limited use where short stretches of ice must be crossed. Adjustable width. Hemp straps included.

MC204 wt. 11 oz. \$ 4.25

LONGTHONG CRAMPON STRAPS. Strong nylon straps with quick-release buckle. 62" long.

M108 wt. 3 oz. \$ 3.00

GRIVEL-TYPE CRAMPON STRAPS. Strong nylon webbing with quick-release buckles. Attach with dot rivets to any crampons.

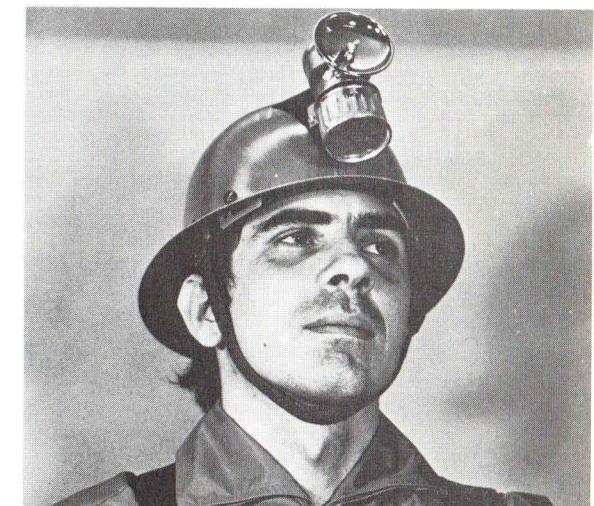
M106 wt. 4½ oz. \$ 3.50

CRAMPON SPIKE PROTECTOR. Rubber caps completely cover sharp crampon spikes. Unit-molded rubber will stretch to fit various size crampons. Specify for 10 or 12 points.

M102 wt. 2½ oz. \$ 2.00

KBL LADDER. This quality ladder was designed primarily for cavers, but has also been used successfully by mountaineers and rescue organizations. Utilized for fixed routes by the American Everest Expedition. 1/8" galvanized steel cable with aluminum tube rungs set at 12" intervals. Ladder is 30' long. Ladders may be joined with carabiners. Folds into compact unit and falls free without tangling. Tested to failure at 4200 lbs.

K801 wt. 62 oz. \$ 32.50



CAVING HELMET. Light and tough fiberglass helmet with lamp bracket. Manufactured by Mine Safety Appliances. Good protection with a minimum of weight. Cushioned headband adjusts to fit wearer. Adjustable chin strap.

HT104 wt. 17 oz. \$ 8.25

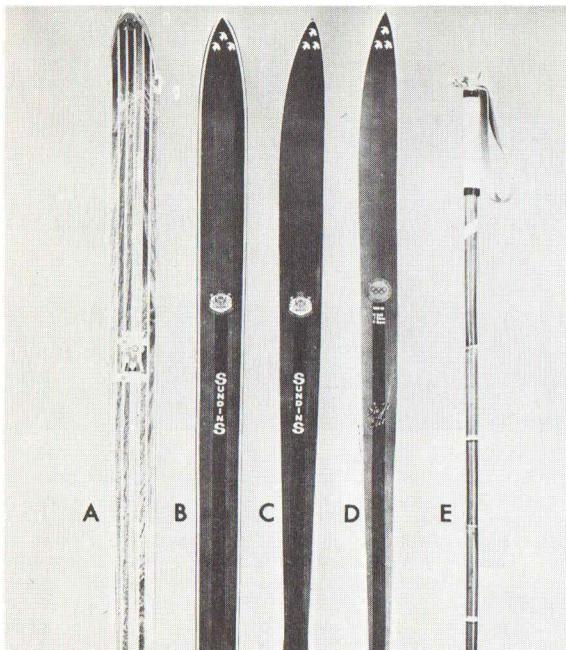
CARBIDE LAMP. Small miner's lamp. Burns carbide gas. Stands 3¾" high; ¾" flat hook for attaching to cave helmet.

E212 2½" reflector wt. 7 oz. \$ 7.00

E213 4" reflector wt. 7 oz. \$ 7.50

Note: Carbide fuel not mailable, but can be obtained locally.

16 ski touring



A JARVINNEN RETKI SKI. A modern mountain ski for touring and ski mountaineering. Exceptionally strong with 28 laminations of hickory, birch, fir, and mahogany. Full hickory sole. Steel edges. 75 mm in width. Lengths 180-215 cm.
K103 ave. wt. 6 lbs./pr. \$ 36.00

B SUNDIN GENERAL TOURING SKI. The best all-around touring ski. Strong enough to withstand touring in rugged country yet light in weight. 72 mm width. Works well in deep snow conditions. Laminations of hickory, birch, teak, and mahogany. Lignostone edges. Lengths 180-220 cm.
K104 ave. wt. 4½ lbs./pr. \$ 30.00

C SUNDIN LIGHT TOURING SKI. Designed for the ski tourer who wishes to save weight, this ski is ideal for trails and moderate terrain. Not recommended for breaking trail in crust or very deep snow. Birch base with lignostone edges. Width 65 mm; lengths 180-220 cm.
K101 ave. wt. 3¾ lbs./pr. \$ 30.00

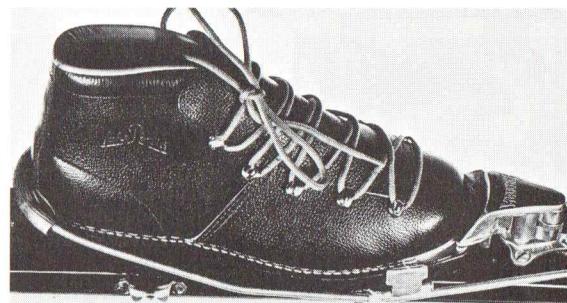
D SUNDIN X-C RACING SKI SIX-JE ELITE. A superior cross-country racing ski designed for use on a prepared course. Winner of hundreds of gold medals in international competition. Light and flexible; laminated birch-pine-ash. Reinforced at strain points with fiber inserts. Hickory running edges. Width 55 mm; lengths 190-221 cm.
K102 ave. wt. 2½ lbs./pr. \$ 32.50

E BAMBOO SKI TOURING POLES. Minimum weight; strong and springy. Curved tip for easy release from snow. 4" dia. baskets attached with cotter pins for easy changing. Leather hand straps. Lengths: 130-160 cm.
K121 ave. wt. 18 oz./pr. \$ 7.00

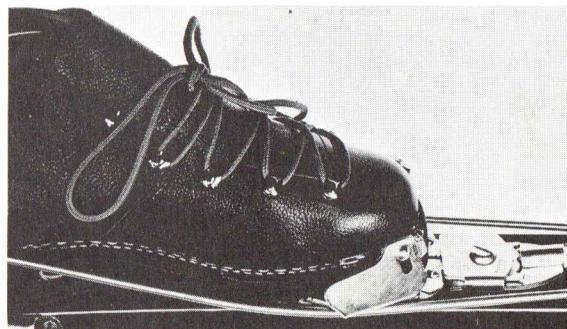
SKI TOURING BASKETS. Large diameter baskets for positive placement in unpacked snow.
K122 wt. 4 oz./pr. \$ 1.75



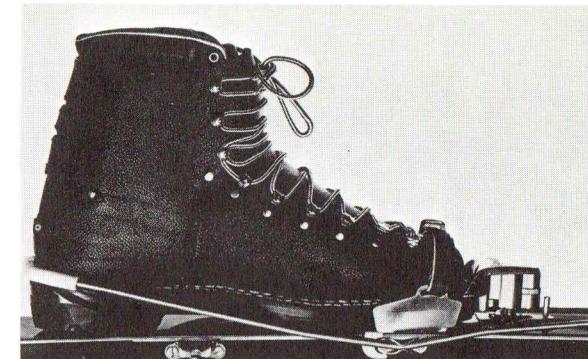
GEZE X-COUNTRY BINDINGS. Fully adjustable safety toepiece. Boot is strapped to flexible hinge with leather safety thong. Step-in heel piece locks firmly to ski for downhill runs. By inserting pole tip into trigger mechanism at rear of heel piece, boot heel is released for touring and uphill climbs.
K211 wt. 3 lbs. \$ 54.50



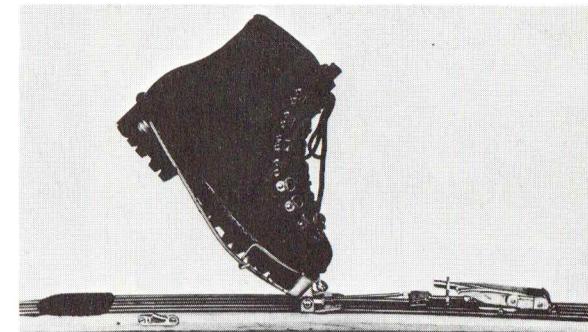
KANDAHAR TOURING ATTACHMENT. Mounts permanently on any downhill ski to convert it when necessary to ski-touring. Toe-irons fold flush with the ski for downhill runs.
K206 wt. 14 oz. \$ 7.50



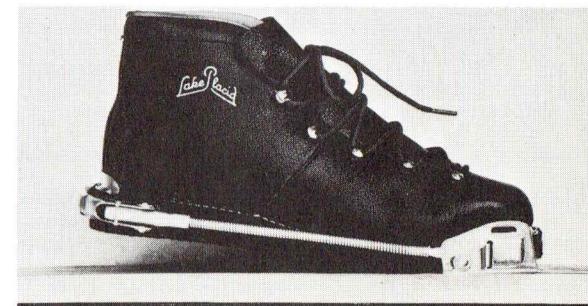
ECKEL TOURIST BINDING. Combines the desirable characteristics of toe-irons or a touring attachment with a safety toe release. Recommended for mounting on the Retki or other mountain and downhill skis. Fully adjustable tension setting. Use with any front throw cable.
K202 ave. wt. 31 oz. \$ 25.00



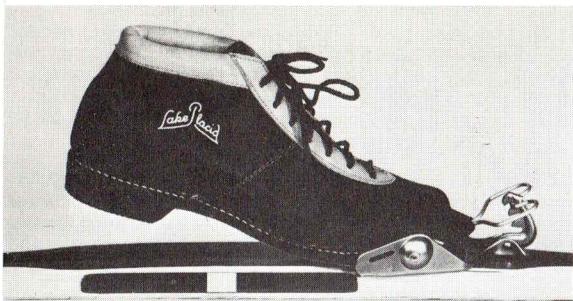
MARKER STECKBACKEN TOURING ATTACHMENT. Snaps on and off with ease for quick adaptation from touring to downhill skiing. Fully adjustable; fits any boot.
K195 wt. 10 oz. \$ 7.25



SILVRETTA BINDING. A heavy-duty touring binding. Excellent for ski mountaineering. Easily converts for downhill skiing with double cable hooks. Pivots forward to a 90 degree maximum angle. Ideal for general and light touring skis.
K204 wt. 25 oz. \$ 8.50



TEMPO TOURING BINDING. A simple and sturdy Norwegian binding. Fits all skis 65 mm wide and up. Two sizes: women's fits up to size 7½; men's up to size 13.
K201 wt. 25 oz. \$ 8.50



ROTTEFELLA X-C BINDING. Norse-made standard cross-country binding (to be used only with cross-country shoes). Widths small, medium, wide. Send boot tracings when ordering. Sole protectors included.

K203 ave. wt. 6 oz. \$ 5.00

BONN SOLE PROTECTORS. For use with X-C racing bindings only.

K300 set of 10 \$.50

POP-UPS. Prevent heel from freezing to ski.

K301 wt. 2 oz. pr. \$.85

HARSCHEISEN. Useful on the more difficult ski-mountaineering ascents for conditions of extreme windpack and ice.

K125 wt. 5 oz. \$ 4.50

SWIX ORANGE BASE WAX.

K132 \$ 1.00

WAXES.

K131/r . Red ... Moist new snow \$.75

K131/b . Blue ... Dry coarse snow \$.75

K131/p . Purple . Very wet snow \$.75

K131/s . Silver . Coarse wet snow \$.75

KLISTER

K130/r . Red ... For moist new snow \$.80

K130/b . Blue ... For dry or moist crusted snow .. \$.80

K130/p . Purple . For very wet crusty snow \$.80

K130/y . Yellow . For moist falling snow \$.80

WAXING CORK

K137 \$ 1.00

HEATING IRON. Fill iron with wax and apply to base of ski.

K135 \$ 4.50

FUEL TABLETS FOR HEATING IRON.

K136 Package of 50 \$.75

SCRAPER FOR WAX.

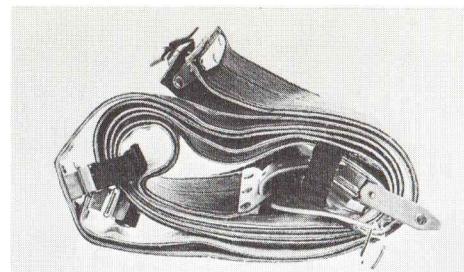
K138 \$ 1.00

AVALANCHE CORD. Red Perlon cord with directional marks at 2-meter intervals. 17 meters.

K500 wt. 3 oz. \$ 2.00

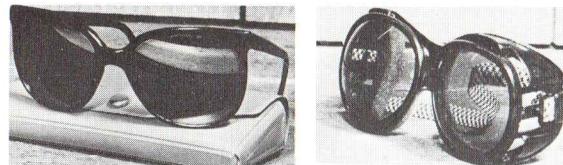
ALUMINUM SNOW SHOVEL. An invaluable accessory for winter mountaineering. Detachable handle. Ice ax can double as handle. Shovel size 8" x 18". 19" handle.

M209 wt. 24 oz. \$ 4.00



VINERSA CLIMBERS. Quality heavy plush with canvas backing. Clip-on strap allows skin to remain tight and straight on ski; eliminates strap wear over edge of ski; avoids putting holes in ski. Can be put on and taken off with ease. State ski length when ordering.

K110 ave. wt. 23 oz./pr. \$ 17.00

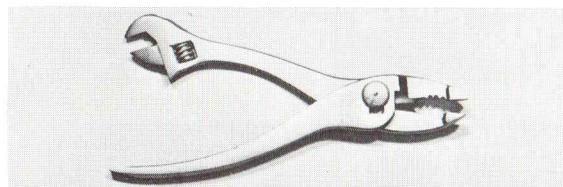


VUARNET GLASSES. Perfect for skiing, mountaineering, driving, and general use. Graduated lenses are darker toward edges. Strong and shatterproof. Frames are extremely light and durable. Used by French Olympic teams.

ME103 wt. 1 oz. \$ 17.50

PARASKI GOGGLES. Extra large curved plastic lenses mounted in cushioned and ventilated frame. Interchangeable green and yellow lenses. Will fit over glasses. Frames: black or white. Adjustable elastic headband.

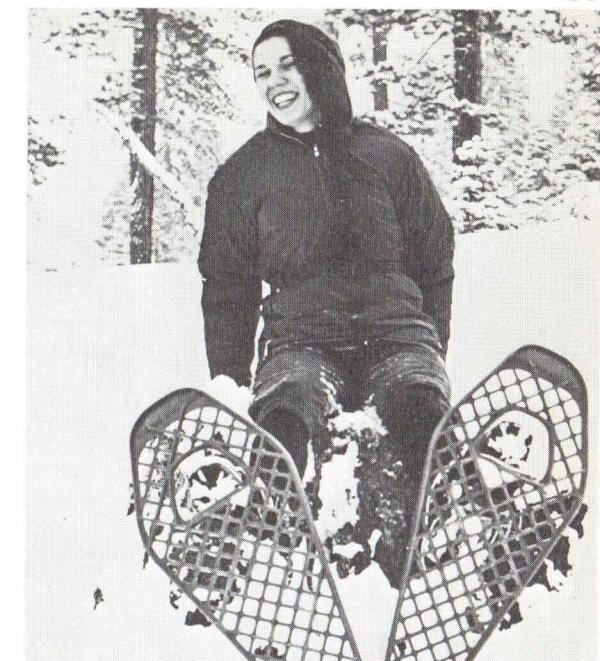
ME100 wt. 2 oz. \$ 4.50



COMBINATION TOOL. Designed for the U.S. Ski Troops. A 4-inch adjustable wrench, slip joint wire cutting plier, and screwdriver, combined. Chrome plated.

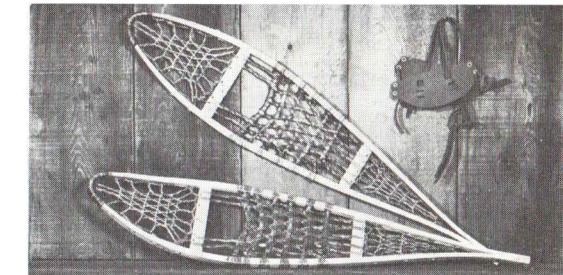
J600 wt. 5 oz. \$ 4.25

SUGGESTED COMBINATIONS



SNOW TREADS. The first contemporary adaptation of space-age materials to the age-old snow-shoe design. Snow Treads are made of tough, high impact Eastman polypropylene resins developed to resist sub-zero temperatures. Heavy-duty ribs give rigidity and support. Easy on and off nylon bindings with quick-release buckles are attached to a hinge which gives "walking action." Snow and ice will not stick to Snow Treads. No special care required. Weight only 1 1/4 lb. per shoe. Guaranteed for one year in normal use.

K109 wt. 2 1/2 lbs. \$ 16.00



ALASKAN TRAIL SHOES. Designed for fast travel in both forest and open snow areas. Select ash frame with varnished rawhide.

Size I. For women and light men. 10" x 48".

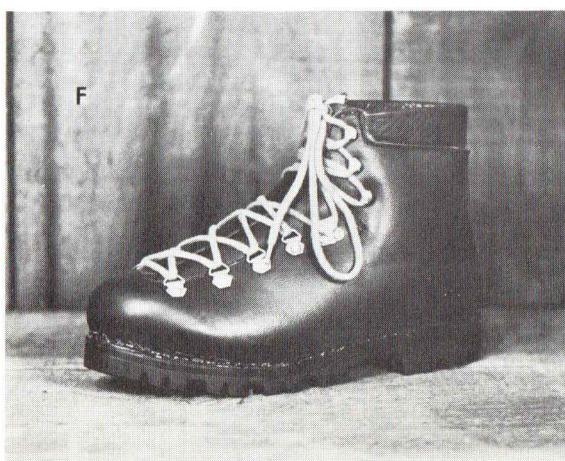
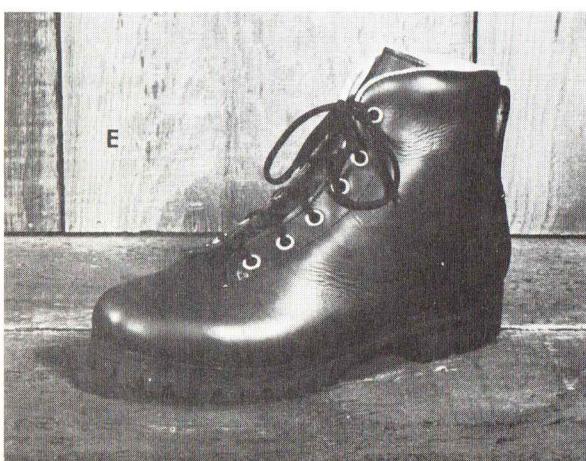
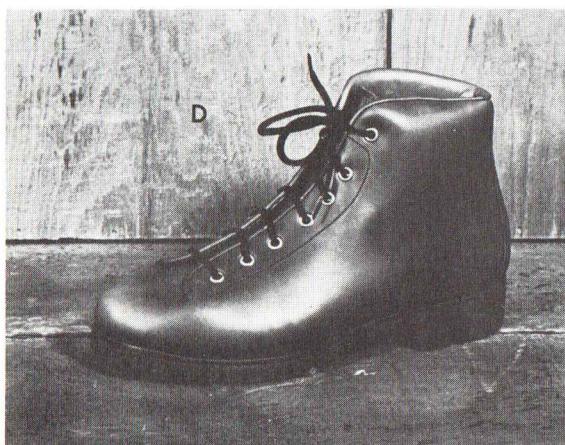
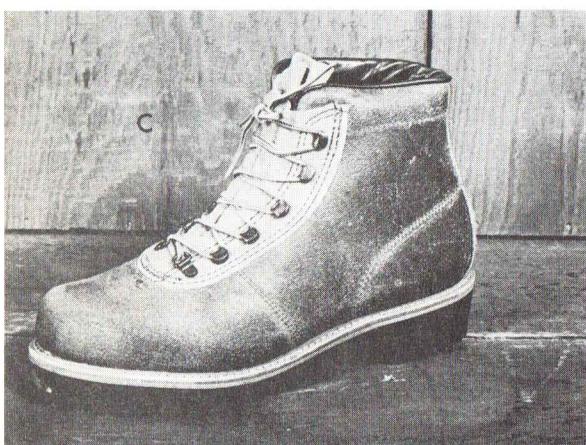
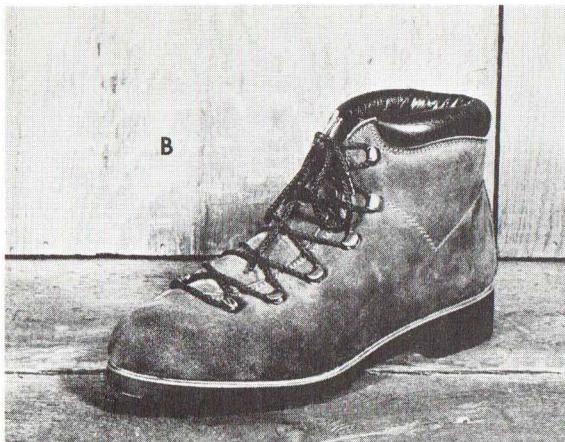
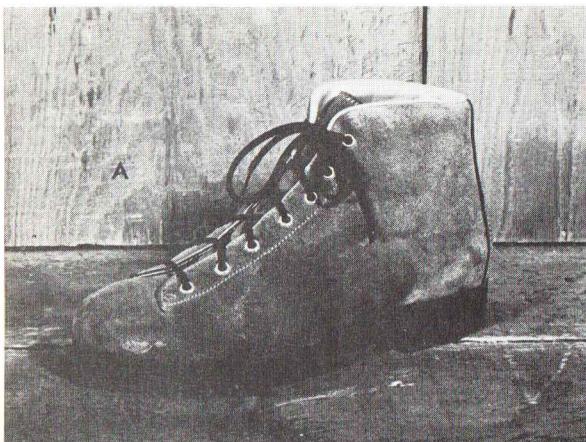
K106 wt. 5 1/2 lbs. \$ 40.00

Size II. For men. 10" x 56".

K107 wt. 6 lbs. \$ 40.00

SNOWSHOE BINDINGS. Oiled leather with crossover instep strap. Will take any size boot.

K108 wt. 9 oz. \$ 6.00



A MUIR TRAIL. An excellent lightweight trail boot of grey abrasion-resistant suede. Fully lined in smooth calf; padded tongue and ankle section. Reinforced toe caps and heel counters. Non-skid Vibram lug soles. Doubles as an excellent climbing boot. Height 6". Sizes 4 to 14; widths AAA to D.

B101 ave. wt. 3 lbs. \$ 26.50

B BEOFOR. A very lightweight boot for the ladies. Suede uppers, smooth leather inner lining. Padded ankles and scree collar. Bellows tongue with flap protector. Lacing hooks. Rubber lug sole. Height 5". Sizes 4 to 9; widths narrow and medium.

B306 ave wt. 2½ lbs. \$ 17.00

C SIERRA. Light and rugged American-made hiking-mountaineering boot. Roughout leather uppers, unlined, reinforced at heel counter, toe, and arch. Full bellows tongue backed by padded inner tongue. Padded top to keep out scree and snow. Lacing hooks. Vibram Montagna soles. Height 6". Sizes 7 to 13; widths medium and wide.

B304 ave. wt. 3½ lbs. \$ 26.00

D PIVETTA 5. Built on the same last and design as the Muir Trail, this boot features smooth-finish leather uppers and a leather midsole. Calf lined, padded ankle and tongue, Vibram sole. Reinforced toe caps and heel counters. Height 6". Sizes 5 to 14; widths AAA to D.

B102 ave. wt. 4 lbs. \$35.00

E EIGER. Heavy duty Italian mountaineering boot. Black leather upper, resistant to rock abrasion and water penetration. Extensively padded throughout ankle section; fully lined in calfskin. Hard toe and heel counter. Vibram Montagna sole is cemented on, and reinforced by brass screws at toe and heel sections. Sole is trimmed to eliminate overhang. This boot has been proven on expeditions to the Andes, Himalayan, Alaskan and African ranges. Height 6½". Sizes 5 to 14; widths A to E.

B106 ave. wt. 4¾ lbs. \$ 36.00

F MOUFLON SHASTA. A lightweight, comparatively flexible boot with a two-piece black leather upper. Good for all-around hiking, or light mountaineering. Especially suitable for beginning climbers. Makes a good woman's boot. Lug soles. Lace gripper. Sizes 5-12; medium width.

B402 ave. wt. 4½ lbs. \$ 31.00

HOW TO ORDER BOOTS

Please follow these directions carefully. The information requested below is essential for the fitting of your boots.

1. Put on the socks you intend to wear. Stand up on a piece of paper, having the weight of your body equally distributed on both feet. Holding a pencil vertically, clearly define the outline of each foot.

2. State your usual dress shoe size. Give both length and width for example 9-C.

3. Enclose the foot outline and your dress shoe size with your order.

NOTE: We guarantee a proper fit. Instructions for trial use of your boots will be sent with them. If the fit is incorrect, send the boots back to us with the coupon provided on the instruction sheet. A new pair of boots will be sent back to you postpaid.

G MONTE ROSA. Developed in Europe for climbing in the Alps. Rough-out oil-tanned leather for abrasion resistance. Fully lined with chrome-tanned leather, backed with foam rubber around the ankle section, including tongue. The Vibram Montagna sole has no overhang, assuring good balance on rock and technical ice. Lacing hooks. Height 5½", plus 1" snow and scree collar. Sizes 5 to 12; widths A to D. B105 ave. wt. 4½ lbs. \$ 39.00

H "RD" SUPER-GUIDE. A heavy-duty mountaineering boot with stiff sole. Tan, rough-out uppers with "double waterproof tanning." Used on many of the hardest climbs in the Alps and in North and South America. Upper is gusseted to keep out water and snow. Easy to get on. Good for rock climbing. Lace gripper. Lug soles. Sizes 6-13; medium width. B403 ave. wt. 5½ lbs. \$ 43.00

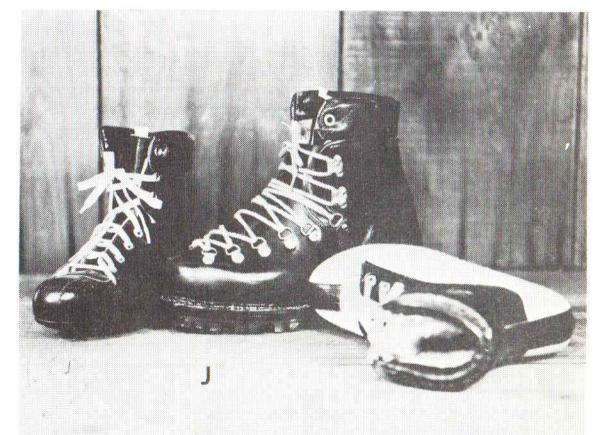
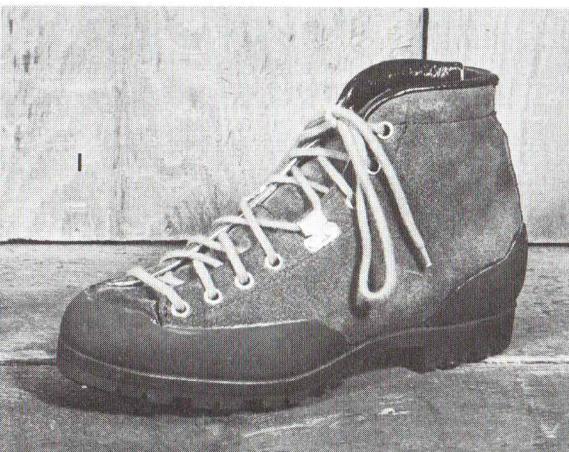
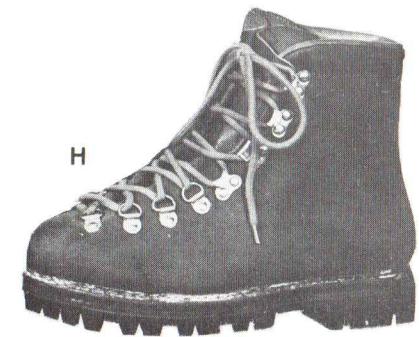
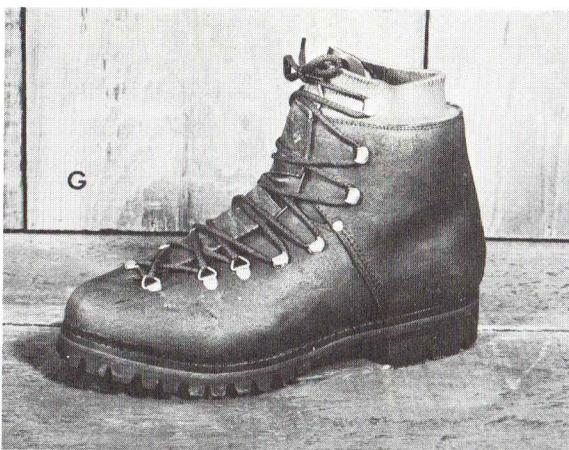
I "RR" VARAPPE. Designed by Royal Robbins and manufactured by Galibier as a heavy-duty rockclimbing shoe, the Varappe has become the most popular and most versatile rockclimbing shoe in the United States. Rigid for edging and comfort in slings, yet sufficiently flexible to conform to sloping holds. Gripping device on lacing allows separate adjustment of lace tension for walking or hiking. Uppers are blue suede with a thickness of rubber over toe and heel counter; padded ankle; lug sole. Sizes 5-12; width medium. B210 ave. wt. 3¾ lbs. \$ 28.00

J HIVERNALE. A double boot with two sets of inner boots. The "arctic" inner is felt on the lower and leather on the upper exterior, fully lined with synthetic fur. The "alpine" inner has a black leather exterior and is lined with felt. Outer boot is smooth black leather with closely trimmed lug soles and is so lightweight that one can climb in it as well as in a single boot. Hinged heel. Lacing rings. For technical climbing in very cold weather, this boot could save your toes. Sizes 5½-12; medium width. B401 ave. wt. 6½ lbs. \$ 70.00

K MINARET SKI MOUNTAINEERING BOOT. An imported combination boot that is supple and comfortable for touring yet readily serves for downhill skiing. Made of pebble-grained black leather with shallow-tread Vibram lug soles for ski-climbing. Inner speed-lacing. Hinged heel allows forward flexibility. For men and women. Sizes 6 to 14; widths medium and wide. B202 ave. wt. 5 lbs. \$ 30.00

L TOURING BOOT. Light and supple: designed for touring. Rubber sole, pebble-grained black leather uppers, metal reinforced at heel counter and toe. Double tongue construction and padded top seal against snow. Fits any X-Country or touring binding. Sizes 6 to 11½; medium width. B208 ave. wt. 3 lbs. \$ 21.00

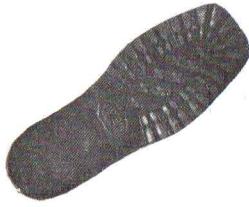
M X-C RACING SHOE. Light and flexible. Black leather uppers with padded top. Leather sole and soft rubber heel. Fits X-C racing bindings. Sizes 7 to 11½; width medium. B207, ave. wt. 2 lbs. \$ 21.00



RUBBER LUG SOLES. Made of black compound rubber that will grip on almost any surface except glare ice. They are used extensively by outdoorsmen and mountaineers throughout the world, and will outgrip and outwear ordinary rubber or nails in all respects.

Vibram Montagna Soles and Heels—for hiking and mountaineering boots.
B010 ave. wt. 1 lb./pr. \$ 4.50

RUBBER MIDSOLES. Needed to obtain best bonding of lug soles.
B013 ave. wt. 6 oz./pr. \$ 1.00



RESOLING SERVICE. Proper attachment of lug soles employs thermal bonding with a proven adhesive. We recommend that you engage your local shoe repairman to undertake resoling, as the savings in money and time are considerable.

Boots must be clean before they will be accepted for repair or resoling service.

Price includes sole, rubber midsole and labor ... \$ 13.00

Cost of shipping and handling 1.50

Note: Allow four weeks for two-way shipment and resoling service.

LEATHER LACES. Oil-tanned and made from heavy gauge leather. Length 72".
B910 wt. $\frac{1}{4}$ oz. per pair \$.50

BRAIDED NYLON LACES. Textured; high tensile strength. Non-slip waxy finish. Colors: black, red, white.
A123/54 54" long per pair \$.50
A123/72 72" long per pair \$.60

MESH INSOLE. Ventilated insole of woven Saran. Keeps feet dry and comfortable. Sizes 6 to 12 $\frac{1}{2}$.
B900 ave. wt. $\frac{1}{4}$ oz. ... per pair \$ 1.50

SNO-SEAL. The original waterproofing for leather.
B902 8 oz. can \$.95
B903 4 oz. can \$.60

LEATHER SEAL. For waterproofing shoes, ski and hiking boots.
B905 8 oz. can \$ 1.40

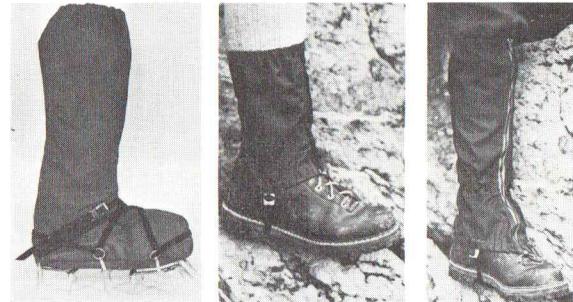
SNO-SHOO. Silicone waterproofing spray for shoes and boots. May also be used on suede.
B901 8 oz. aerosol can \$ 1.50

TRAILWISE OVERBOOTS. Positive protection for the feet in extreme conditions of cold-weather mountaineering. 20" high to reach above calf. Full length nylon zipper at rear of boot. Elastic at top for snugness. Made of nylon duck with Herculite soles. Inside pockets hold optional ensolite insulation. Send sole outline when ordering. Sizes: small, medium, large.

A117 ave. wt. $1\frac{1}{2}$ oz. \$ 15.00

ENSOLITE INSULATING PADS. Greatly increases efficiency of above overboots.

A118 ave. wt. 6 oz. \$ 2.50



TRAILWISE 9" GAITERS. Snug elastic grip above and below the ankle. Made of waterproof nylon duck. Adjustable nylon underarch strap. Nylon zipper.

A116/9 wt. $4\frac{1}{2}$ oz./pr. \$ 6.50

TRAILWISE 18" GAITERS. Reaches above calf for extra protection in deep snow and severe conditions. Nylon duck, full nylon zipper, adjustable nylon underarch strap. Hook to clip front of gaiter to boot laces. Elastic at top, ankle and bottom of gaiter.

A116/18 wt. 7 oz./pr. \$ 12.95



TRAILWISE DOWN BOOTEES. Wear inside tent, cabin, car or sleeping bag. Pure, fluffy goose down in differentially sewn shell provides the most efficient insulation known. Soles are $\frac{1}{4}$ " Ensolite covered with heavy-duty urethane-coated nylon duck for ground insulation. Uppers are constructed with Supernyl outer shell and Tenaya inner shell. Inner sole is cotton for non-slip comfort. Hidden elastic band holds bootee snugly against heel. Drawstring at top. Height is 11".

A115 ave. wt. 8 oz. \$ 11.00

NORWEGIAN LONG BOOT SOCKS. Knee length Ragg socks made of 100% heavy-weight wool. Highest quality. Color: grey. Sizes: 9—13.

A931 ave. wt. 7 oz. \$ 3.25

ROYLON PATTERNED KNICKER-SOCKS. Scandinavian snowflake patterns decorate these 100% Shetland wool knickersocks. This Austrian import is elasticized both above and below the knee for secure fit and maximum freedom of movement. Colors: red, green, or blue on black background. Sizes 9—12. A933 ave. wt. 8 oz. \$ 5.00

ROYLON KNICKER SOCKS. Soft, warm, and long-wearing (45% wool, 55% Dralon). Wide rib knit. Elasticized above and below the knee. Colors: royal blue, medium grey, bright red, heather green. Sizes 9—12.

A932 ave. wt. 6 oz. \$ 4.00

PIRU KNICKERSOCKS. Extremely well-made and handsome socks from Germany. Quality 100% wool knit. Extra length for over-the-knee fit. Color: green. Sizes: men's 10 $\frac{1}{2}$, 11, 11 $\frac{1}{2}$, 12. A934 ave. wt. 7 oz. \$ 6.50

NORWEGIAN BOOT SOCKS. An ideal all-around boot sock of 100% wool. These famous Ragg socks are high enough for 8" mountaineering boots. Color: grey. Sizes: 6—13.

A901 ave. wt. $4\frac{1}{2}$ oz. ... \$ 2.25

EXTRA-HEAVY NORWEGIAN SOCKS. 10" ribbed top; nylon reinforced heel and toe. Extra thick wool for additional cushioning and warmth. Color: off-white. Sizes 9—13.

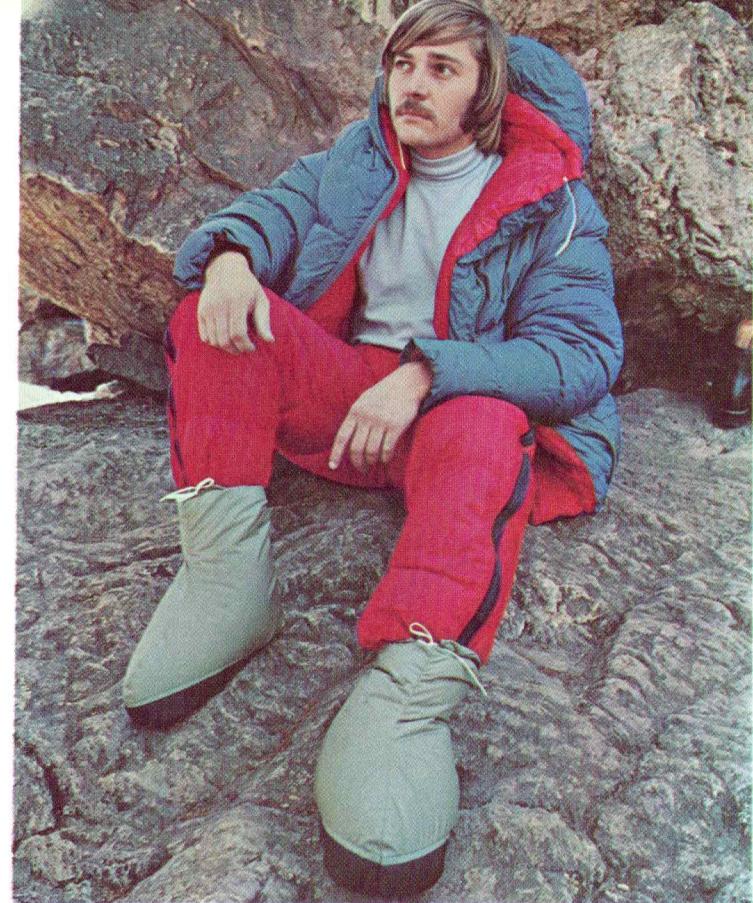
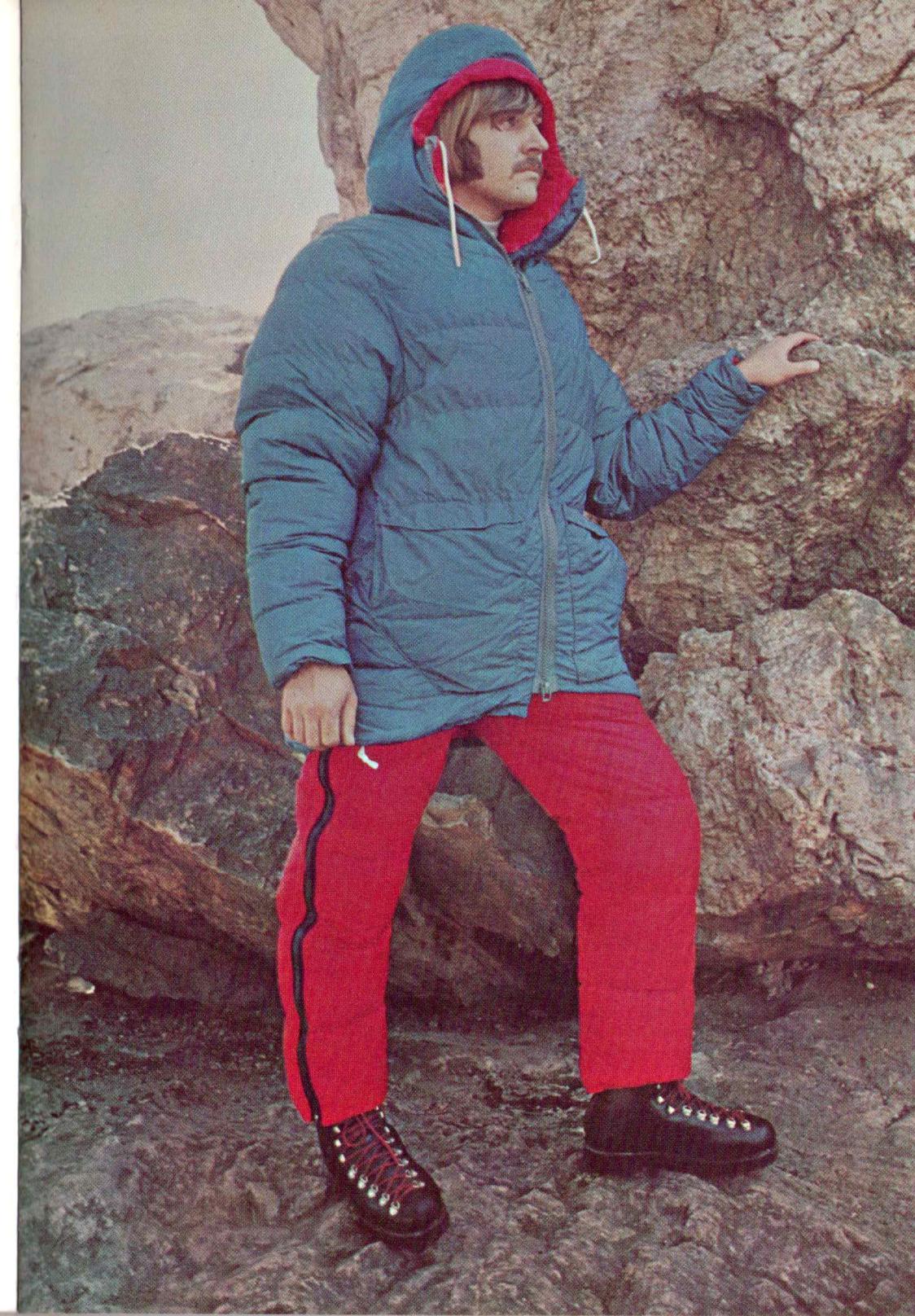
A902 ave. wt. $6\frac{1}{2}$ oz. ... \$ 3.00

NORSE THERMAL SOCKS. Thickly cushioned inner pile provides great comfort and excellent insulation. 75% wool, 25% nylon. Shrink resistant. An excellent all-around boot and casual sock. Colors: red, blue, white. Sizes: 9—14. A903 ave. wt. 3 oz. \$ 2.50

ADLER STRETCH SOCKS. 65% lambs wool, 35% stretch nylon. A medium-weight sock for sport or casual wear. Shrink resistant. Colors: green, bourbon, grey, white. One size 10 $\frac{1}{2}$ —13. A906 ave. wt. $2\frac{1}{2}$ oz. ... \$ 1.50

LIGHTWEIGHT SOCKS. 100% wool; nylon reinforced heel. Recommended for wear under heavy bootsocks or as lightweight single sock. Shrink treated. Color: white. Sizes 8 $\frac{1}{2}$ —13.

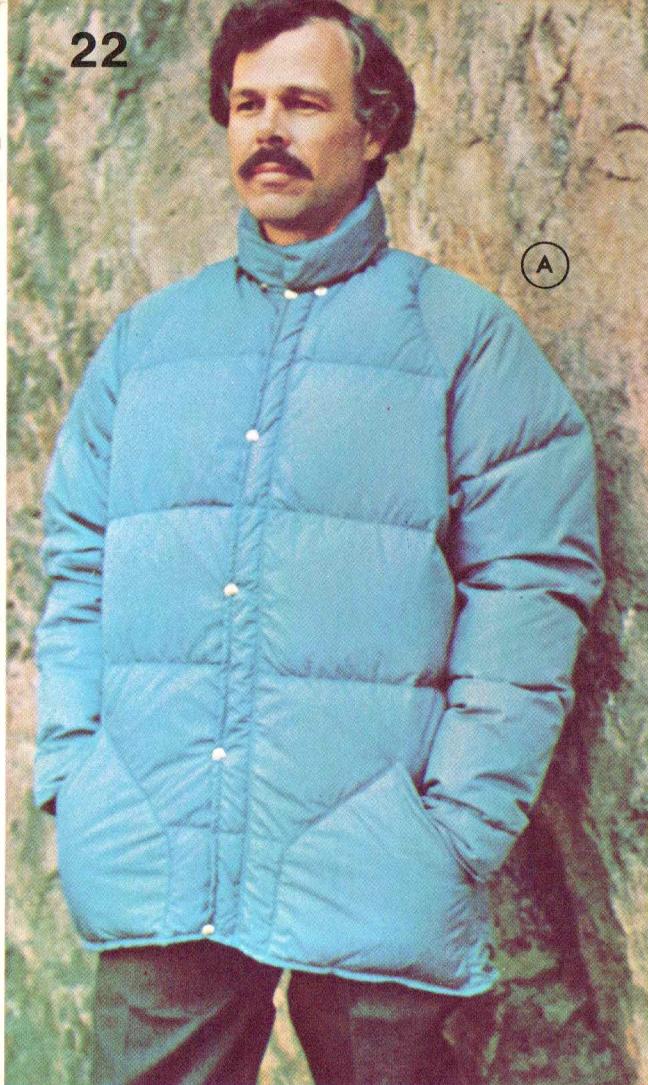
A907 ave. wt. $1\frac{1}{2}$ oz. ... \$ 1.25



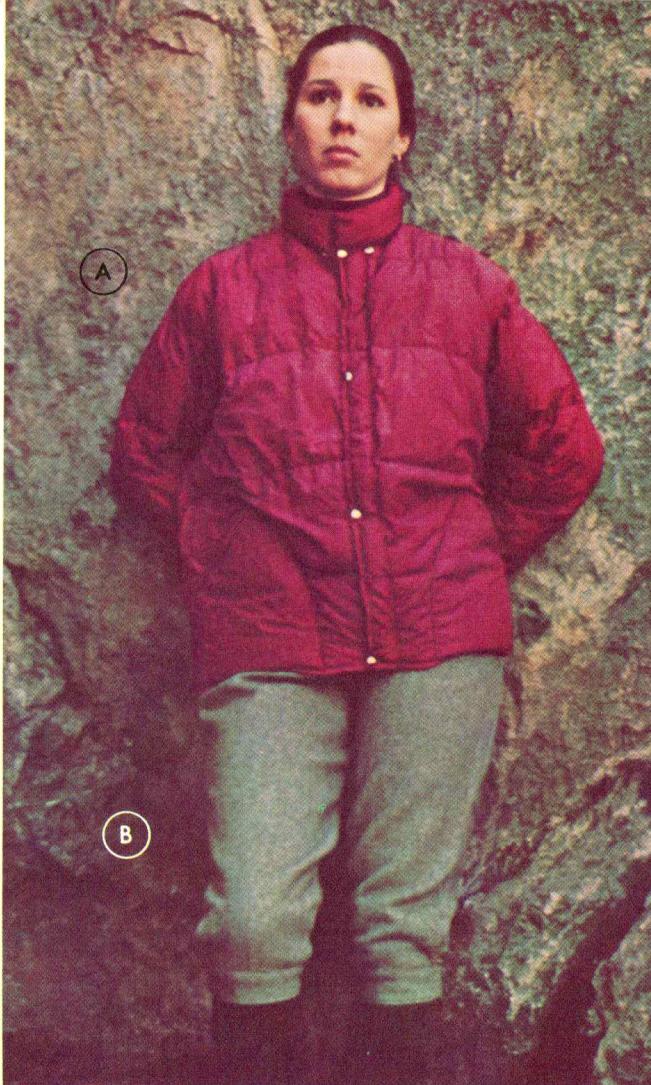
TRAILWISE EXPEDITION PARKA. For the utmost protection against bitter cold at high altitudes; may also be worn around camp in cold weather or paired with a down footsack for sleeping. Extra long—fully baffled 5" tubes wrap completely around body and are sewn off to prevent down shift. Differential cut allows most efficient lofting of 19 oz. northern goose down. Full length heavy duty nylon double slider zipper, backed with down-filled draft flap. Concealed knit cuffs seal against cold. Double pockets consist of patch pocket with velcro closure on flap and down-insulated slash pocket for hand warming. Drawstring at lower edge of parka. Generous size down-filled hood is snag-resistant Supernyl on the outside; inner shell of soft luxurious Tenaya cloth. Stuff sack included. Colors: blue exterior with red lining. Sizes: medium, large, x-large.
A109 . . . ave. wt. 40 oz. . . . \$ 72.50

TRAILWISE DOWN PANTS. Designed for the mountaineer who needs great warmth with minimum weight and complete adaptability. Quilted shell of Supernyl filled with northern goose down. Full length nylon zippers allow pants to be opened for ventilation and provide access to pockets. Zippers are separating so that pants may easily be put on or removed without taking off boots. Elastic waist with snap and velcro fastening. Color: blue.
A110 . . . ave. wt. 18 oz. . . . \$ 26.00

TRAILWISE DOWN BOOTEES. Wear inside tent, cabin, car or sleeping bag. Pure, fluffy goose down in differentially sev'n shell provides the most efficient insulation known. Soles are $\frac{1}{4}$ " Ensolite covered with heavy-duty urethane-coated nylon duck for ground insulation. Uppers are constructed with Supernyl outer shell and Tenaya inner shell. Inner sole is cotton for non-slip comfort. Hidden elastic band holds bootee snugly against heel. Drawstring at top. Height is 11".
A115 . . . ave. wt. 8 oz. \$ 11.00

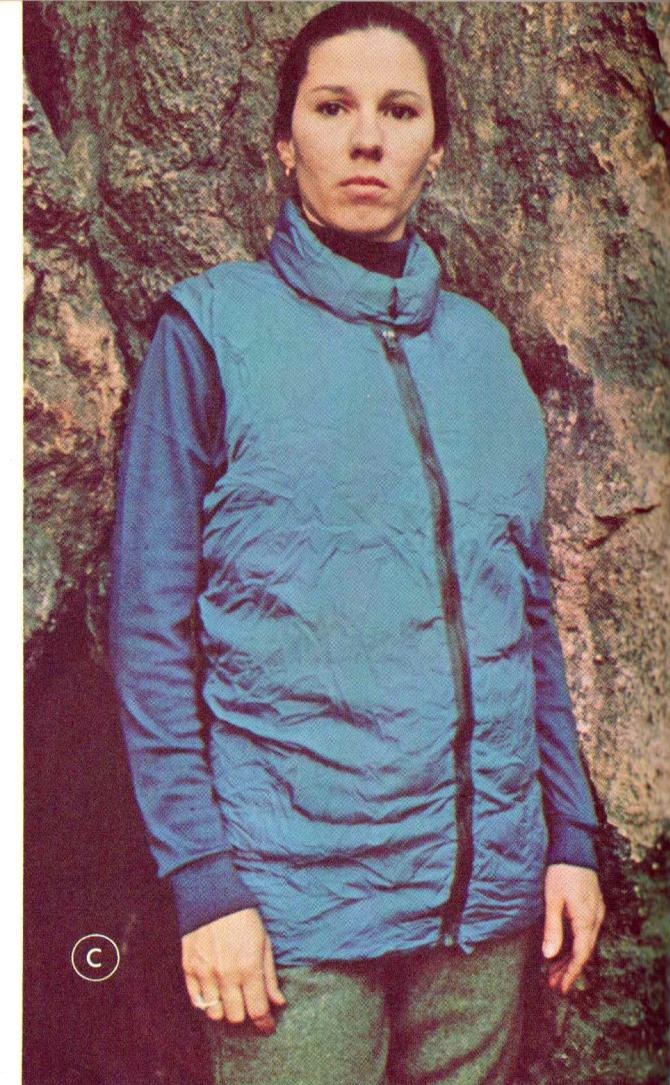


(A)



(A)

(B)



(C)

A TRAILWISE LOGAN JACKET. Our extremely popular intermediate-weight, all-around down-filled jacket. Good looking and practical. A full 32" in length; raglan sleeves and concealed knit cuffs for cleaner lines; filled with 8½ oz. of prime northern goose down. Down insulated pockets and an optional down hood. Snag-free nylon zipper with down-filled weather flap secured with snaps. The Logan jacket has the warmth of several layers of wool, with less weight and bulk—easily fits into a corner of your pack until needed. Tough Supernyl shell in blue, green, red, wine. Sizes: x-small, small, medium, large, x-large; fits both men and women. Includes 4" x 10" stuffsack.
A111 . . . ave. wt. 21 oz. . . . \$ 35.00

DOWN HOOD FOR LOGAN JACKET. Drawstring around face. Velcro at neck. Snaps to Logan collar. ¾ oz. down fill. (State size and color.)
A111/h . . . ave. wt. 3 oz. . . . \$ 6.00

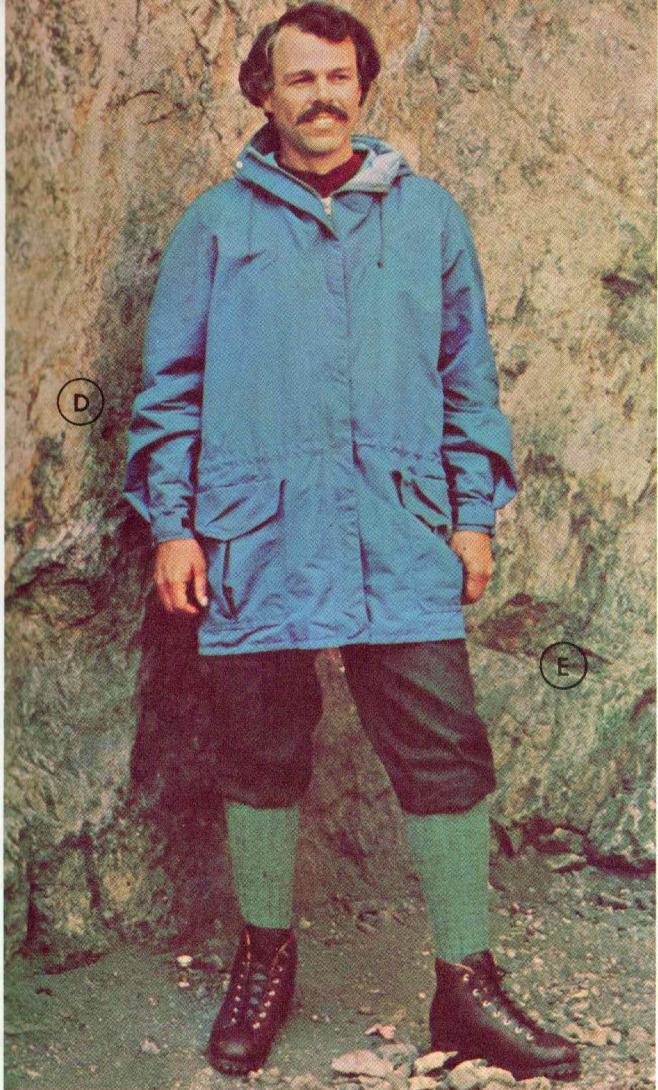
B ENGLISH WOOL CLIMBING BREECHES. Made of Derby tweed, these fine imported English knickers are rugged, warm, water-repellent, and long-wearing. Square-cut seat reinforcement reaches to knees; knee patches. Wide velcro closures at cuffs. Sturdy belt loops.

Men's Model: Button fly, two side pockets and single rear pocket with buttoned flaps. Deep rear hammer pocket. Color: grey tweed. Sizes: 28–38.
A410 . . . ave. wt. 36 oz. . . . \$ 20.00

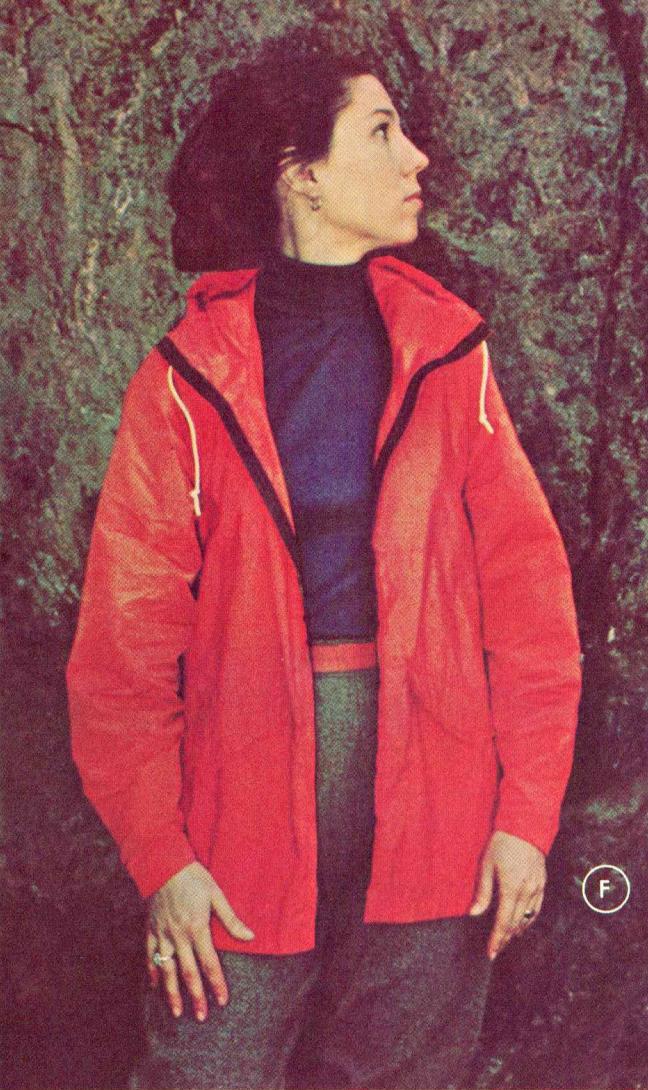
Ladies' Model: Zippered side closure, side pockets with buttoned flaps, deep rear hammer pocket. Color: grey tweed. Sizes: 24–30.
A411 . . . ave. wt. 28 oz. . . . \$ 20.00

C TRAILWISE DOWN VEST. Featuring fully baffled construction—no stitch-through seams. 3" down-filled collar, nylon zipper. Provides great warmth with less overheating and more freedom of movement than a down jacket. Perfect over a shirt, under a parka, or in your sleeping bag. Supernyl shell is 29" long and comes in blue, green, or red. 4½ oz. down fill. Sizes: small, medium, large, X-large. 4" x 6" stuffsack included.

A112 . . . ave. wt. 12 oz. . . . \$ 21.00



D TRAILWISE MOUNTAIN PARKA. A true double-shell expedition garment; outer shell is of 60-40 Cloth, a mixture of cotton and nylon; inner shell is British Ventile cloth. These materials combine to provide optimum water and wind repellency with breathability and warmth. Full cut; may be worn comfortably over bulky down garments or sweaters. Raglan sleeves, full length heavy-duty 2-way nylon zipper sealed against drafts by snap-fastened overflap. Inner waist drawcord with single adjusting slider, drawcord on hood. Two large bellows pockets with double flap and velcro closure, two inner breast pockets. Velcro closures at wrist. Colors: blue or orange. Sizes: medium, large, X-large. **A105 . . . ave. wt. 30 oz. . . . \$ 44.50**



E WHIPCORD KNICKERS. Made in England of heavy-duty cotton whipcord, these climbing breeches feature a reinforced seat, belt loops, and durable elastic knee fasteners. Strong and abrasion-resistant without being too hot for summer rock climbing. Two side pockets, two deep rear pockets with velcro closure. Sizes 30-36. Color: dark grey. **A402 . . . ave. wt. 26 oz. . . . \$ 15.00**

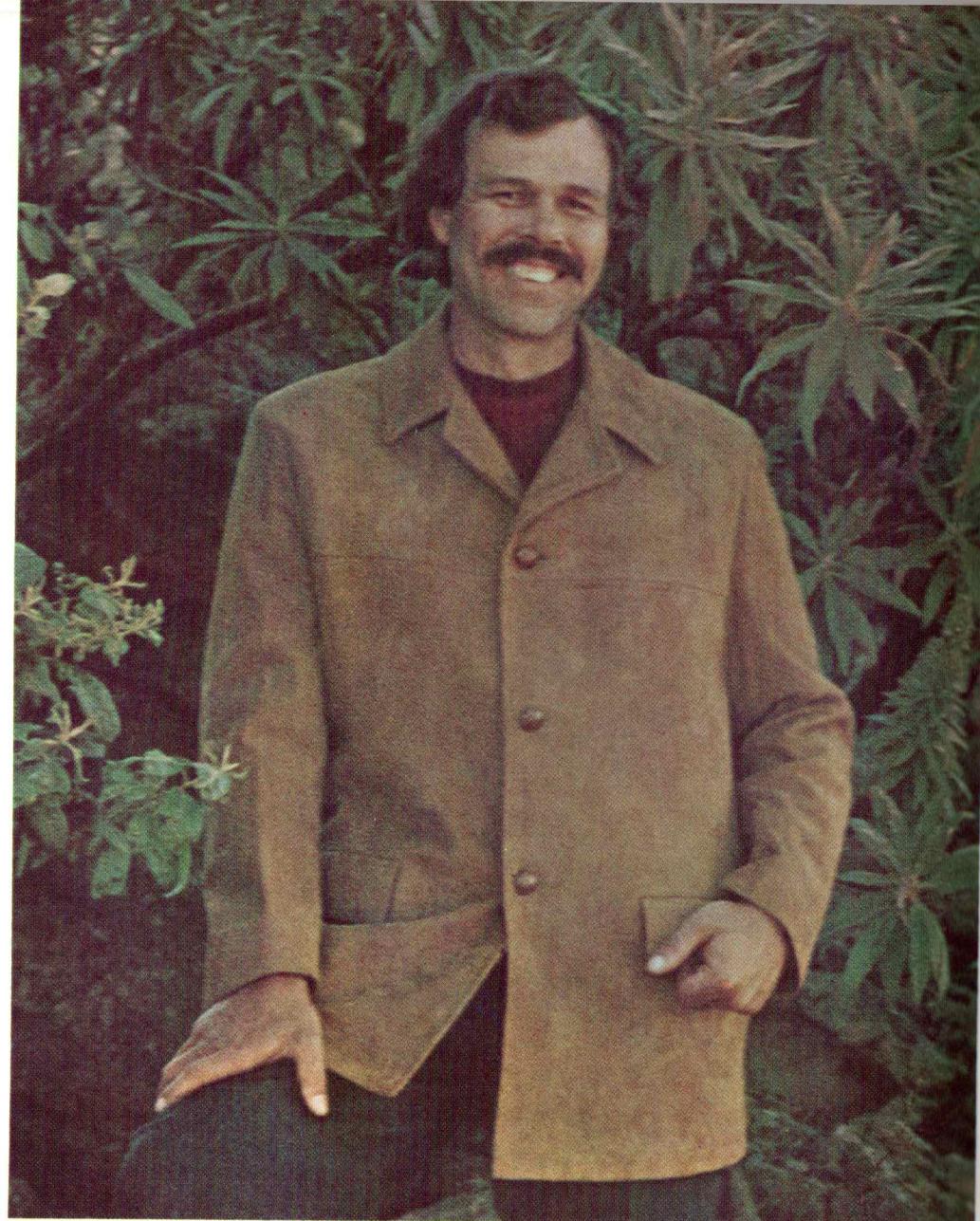
F TRAILWISE TOURING PARKA. Light-weight weather shell made from a single layer of 60/40 cloth. Water and wind repellent. Two large flap pockets with velcro closures. Integral hood. Nylon zipper. Raglan sleeves. Velcro at cuffs. Colors: blue or orange. Sizes: small, medium, large, x-large. **A104 . . . ave. wt. 12 oz. . . . \$ 18.00**



G P & O VENTILE PARKA. This impeccably fashioned mountaineer's parka is constructed from English Ventile cloth—probably the most successful waterproof but breathable material yet developed. Full-length zipper is covered by a weather flap with snap closures and extends above chin for maximum protection in severe storms. Drawcords at hood and waist. Double thickness of material throughout jacket except over shoulders where three layers are used. Adjustable button cuffs. Two large patch pockets are sealed with fold-over inner flaps and button-down outer flaps. Zippered outer map pocket. Button closure on inner breast pocket. Color: lichen green. Sizes: 34 to 46. **A360 . . . ave. wt. 41 oz. . . . \$ 39.50**



SAXONY BUSH COAT. A warm, comfortable, and stylish 100% wool jacket for all-around wear. Four spacious bellows pockets with button flaps; buttoned inner pocket. Five-button front. Colors: olive-grey twill or muted plaid with green and gold. Sizes: 36 to 46. A350 . . . ave. wt. 34 oz. . . . \$ 22.50



MILANO. Four button, 33" length. Imported suede in rich golden vicuna color. Fully lined with satin. Zip-out deep pile liner. Straight flap pockets. French seam stitching throughout. Sizes: 36-44. A303 . . . ave. wt. 3½ lbs. . . . \$ 85.00



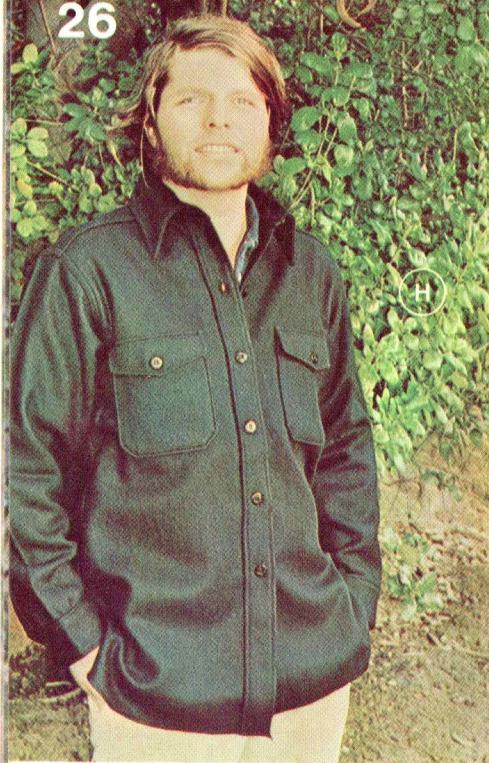
NORFOLK. Traditional styling in a quality suede jacket. 33" length with Norfolk panels front and back. Fully belted with matching suede-covered buckle. Hidden slash jewelers-suede pockets. Designed with a removable liner of plush pile with satin over-yoke. Color is golden vicuna. Sizes: 36-44.

A302 . . . ave. wt. 4 lbs. . . . \$115.00

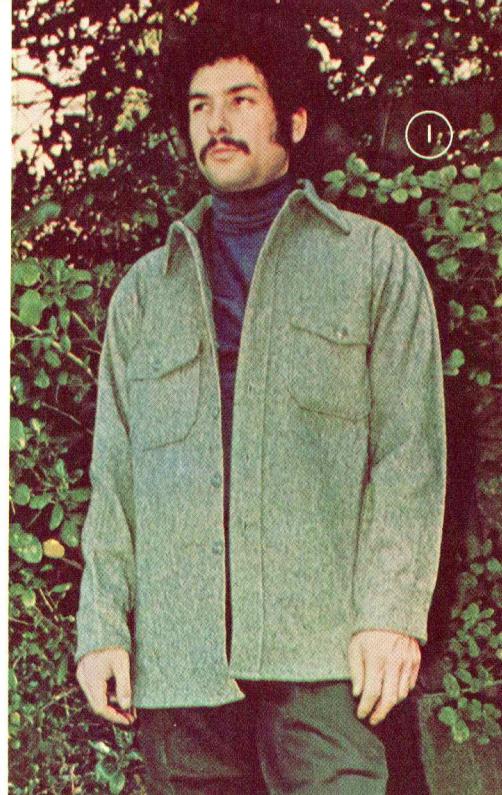


BOLIVIAN ALPACA PONCHO. Hand-spun and hand-knit of the softest undyed virgin alpaca yarns, each of these ponchos is unique in pattern and color. Luxurious and amazingly warm, they make an ideal gift. One size fits all. Predominant natural colors: warm browns or soft greys.

A358 . . . wt. 20 oz. . . . \$ 45.00



(H)

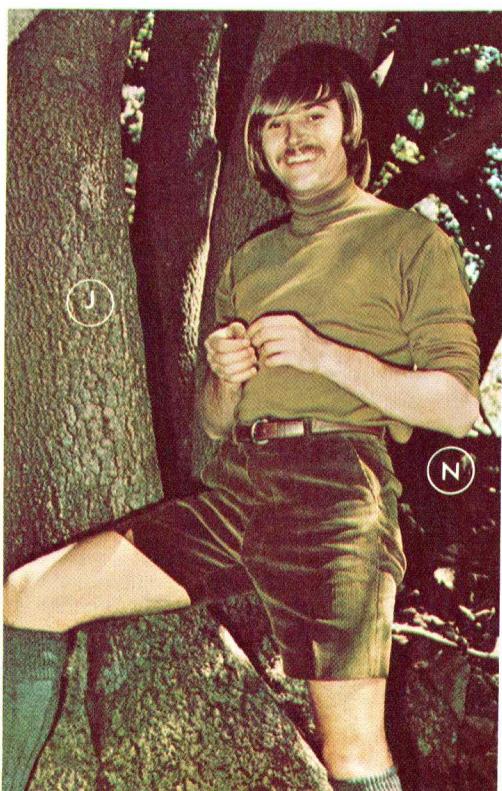


(I)



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(L)



(J)

(N)

H WOOLRICH SHIRTS. Rugged, all-purpose outdoorsman's shirts of 85% reprocessed wool, 15% nylon, permanently mothproofed. Long tails, two breast pockets. Two styles: traditional C.P.O. shirt in dark navy with anchor buttons; golden brown with matching buttons. Sizes: small, medium, large. A310 . . . ave. wt. 27 oz. . . . \$ 12.00

I ALASKA SHIRT. Heavy-weight 100% wool shirt, permanently mothproofed. Warm, durable, and attractive, the Alaska is ideal for camping, hiking, and general sportswear. Long tails, Rayon lining at neck. Two breast pockets. A rugged shirt that will give years of service. Color: grey twill. Neck sizes: 15 to 18. A309 . . . ave. wt. 26 oz. . . . \$ 15.00

J TURTLENECK JERSEY. A versatile and attractive jersey of 100% cotton with elasticized collar and cuffs. Excellent for skiing, hiking, and casual wear. Colors: cherry, navy, spruce, gold, powder. Sizes: men's S, M, L, XL; ladies' S, M, L.

A305 . . . ave. wt. 11 oz. . . . \$ 6.00

K FRENCH SAILOR SHIRTS. Heavy cotton ribbed knit styled after traditional French navy shirts; long sleeves. Narrow horizontal stripes. Colors: navy on natural, natural on navy, dark red on natural, natural on dark red, dark red on navy.

Men's Turtleneck — Sizes S, M, L, XL
A313/m . ave. wt. 14 oz. . . . \$ 10.50

Ladies' Turtleneck — Sizes S, M, L
A303/w . . ave. wt. 12 oz. . . . \$ 10.00

L HIKING PANTS. Made of water-resistant sateen, this pant is designed for rugged wear and comfort. Plenty of convenient pockets—four in the front (outer ones with flaps). Two hip pockets with buttoned flaps on men's model only. Color: British tan.

Men's model. Waist sizes 28 to 38. State inseam length when ordering.

A420/m . ave. wt. 19 oz. . . . \$ 9.00

Women's model. Sizes 8-16.

A402/w . . ave. wt. 16 oz. . . . \$ 8.50

M HIKING SHORTS. Same stylish and handy pocket arrangement as the hiking pants in trim Jamaica-length tan sateen shorts. Button-flap hip pockets on men's model only.

Men's — Waist sizes 28-38.

A421 . . . ave. wt. 14 oz. . . . \$ 7.50

Ladies' — Sizes 8-18

A422 . . . ave. wt. 12 oz. . . . \$ 7.50

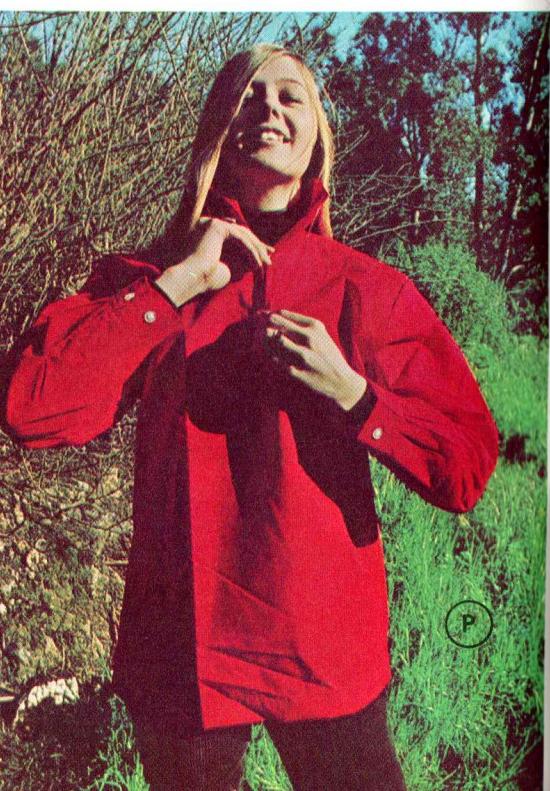
N ENGLISH CORD SHORTS. These traditional British Bulldog hiking shorts will give years of service. Two side pockets, one hip pocket with buttoned flap, zipper fly, and belt loops. Color: golden tan. Sizes 30-38.

A401 . . . ave. wt. 16 oz. . . . \$ 9.50

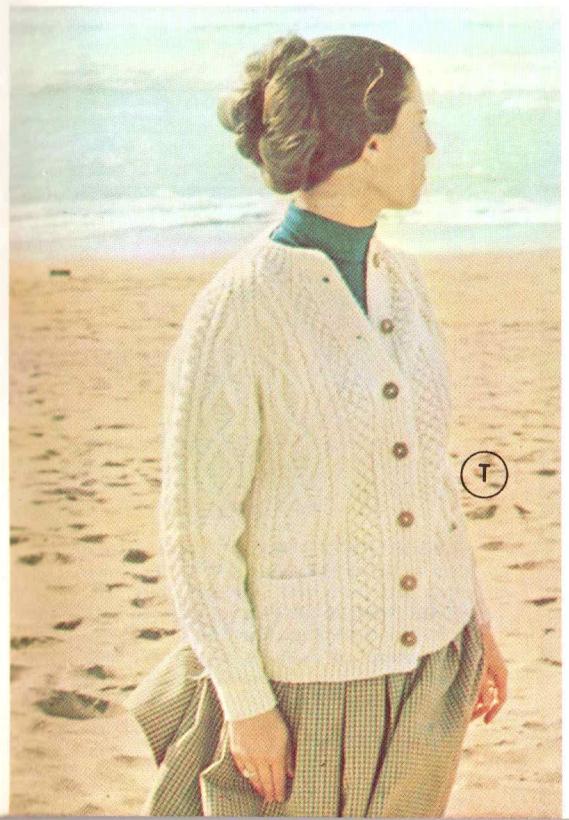
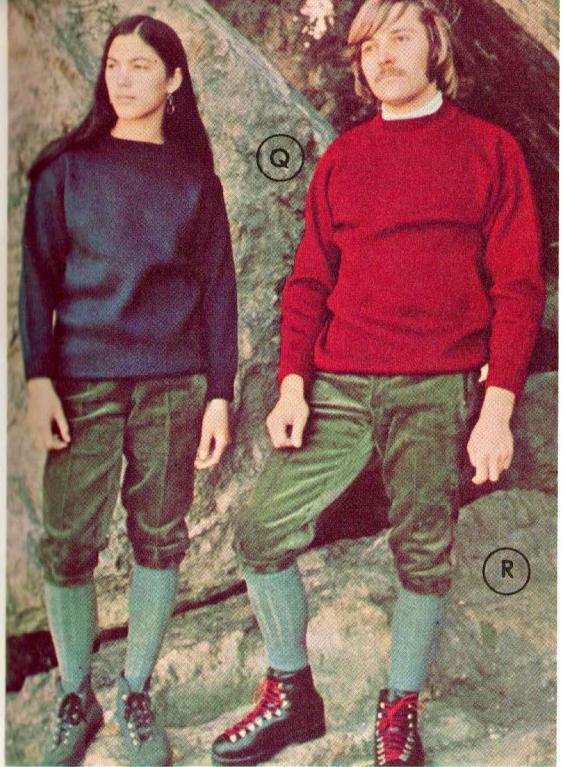


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(P)



O AUSTRIAN LEDERHOSEN. Genuine Austrian import. Sturdy, rough-finish grey suede leather. Two front pockets and one hip pocket. Men's have classic button front; ladies' have side zipper. Children's — waist sizes 20–26
A407/c . . ave. wt. 24 oz. . . . \$ 12.50
Women's — waist sizes 22–30.
A407/w . . ave. wt. 32 oz. . . . \$ 23.00
Men's — waist sizes 30–46
A407/m . . ave. wt. 40 oz. . . . \$ 23.00
Lederhosen suspenders (men, women, children)
A408 \$ 4.50

P WINDSHIRT. An extremely lightweight nylon pullover windbreaker. Can be worn over a sweater for additional warmth. Convertible collar with nylon coil zipper. Single pocket. Ideal for skiing, bicycling, and back-packing. The lightest, most effective protection on breezy summits. Colors: navy, red, spruce. Sizes: men's small, medium, large, X-large; women's small, medium, large.
A357 . . ave. wt. 4½ oz. . . . \$ 4.95

Q PENEGAL SWEATER. Imported from Austria, this stylish sweater is of extra-heavy wool for warmth, durability and comfort. Crew neck. Colors: dark blue and burgundy. Sizes: men's and women's small, medium, large, X-large.
A325 . . . ave. wt. 30 oz. . . . \$ 25.00

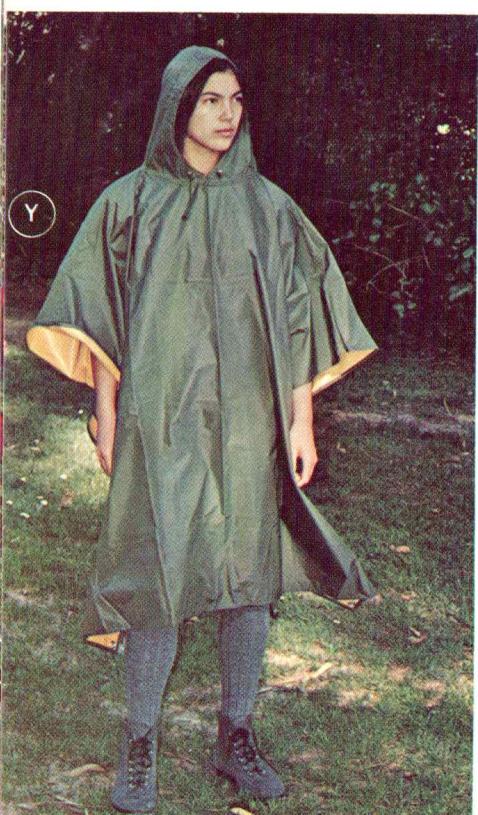
R GERMAN CORDUROY KNICKERS. Wide-wale corduroy knickers with reinforced seat, two zippered side pockets, rear pocket with buttoned flap (men's model only). Adjustable waistband and quick-release buckle cuff. Colors: loden, navy, golden tan.
Men's Model: Sizes 28–38.
A403 . . ave. wt. 24 oz. . . . \$ 18.00
Ladies' Model: Sizes 10–18
A405 . . ave. wt. 22 oz. . . . \$ 18.00

S IRISH FISHERMAN'S SWEATERS. Traditional handknit pullover as worn by the rugged fishermen of the British Isles. Intricate one-of-a-kind patterns in white wool; crew neck. Sizes: men's and women's small, medium, large, X-large.
A320 . . ave. wt. 20 oz. . . . \$ 41.50

T CARDIGAN. Same fine handmade quality as pullover listed above. Sizes: women's only, small, medium, large.
A321 . . ave. wt. 20 oz. . . . \$ 43.50

U IRISH FISHERMAN'S CAP. Knitted wool watchcap to match the Fisherman's sweater. One size.
A322 . . wt. 4 oz. \$ 5.00





V TRAILWISE CAGOULE. A very lightweight knee-length parka made of water-proof coated nylon, cut large so that knees may be drawn up inside during bivouac. Suitable for camp or trail. Drawcords at hood and bottom; elastic at wrists. Large Kangaroo pocket with velcro closure. Velcro at wrist, drawcord at lower edge.

A120 . . . ave. wt. 11 oz. . . . \$ 18.50

W COLUMBIA RAINCOAT. Extremely light and waterproof. Full-length zipper, draw-string hood concealed in collar. Double slider zipper. Dupont K-Kote nylon is rip resistant; will not run, shrink, crack, or peel. Colors: yellow or bright navy. Sizes for men or women: small, medium, large.

A203 . . . ave. wt. 10 oz. . . . \$ 15.00

X TRAILWISE NYLPORT PONCHOS. A specially coated nylon, completely waterproof, will not crack or peel. For those who want a quality lightweight poncho. Grommets are set along edges. With hood. Colors: green or navy. Standard — measures 55" x 90"

A121 . . . wt. 16 oz. . . . \$ 14.00
Overpack — measures 55" x 120". Extra long in back for wear over pack. May be shortened with snap fasteners for normal wear.

A122 . . . wt. 20 oz. . . . \$ 16.50

Y NYLON PONCHO. Waterproof rubberized nylon, 50" x 80". Snap fastener closures; draw cord hood. Green and yellow reversible.

A200 . . . wt. 23 oz. . . . \$ 6.25

Z LARGE PLASTIC PONCHO. Waterproof vinyl, 54" x 96". Made longer in back for wearing over a pack. Zipper closure at neck. Snap fastener closures on sides. Hood with tie tapes.

A202 . . . wt. 24 oz. . . . \$ 2.75

HEAD BANDS. 100% wool. Shaped pattern fits well over forehead and ears. Wide range of colors; please indicate alternate choices. Lightweight.

A713 . . . wt. 1 oz. . . . \$ 1.00



BANDANNAS. Traditional bandannas in assorted patterns. Colors: red or blue.

A730 sm; ½ oz. \$.35
A731 lg; 1 oz. \$.65

ROPER'S GLOVE. A first quality glove of cream-colored tanned cowhide. Palm is free of stitching along finger and thumb bases. Strap adjustment on back. Sizes: 8 to 12.

A502 ave. wt. 5 oz. \$ 4.75

MILLAR MITTS. The famous British fingerfree glove. Back and wrist are water-repellent 100% wool, silicone treated. Palm is long-wearing non-slip textured cotton. Keeps wrist and hand warm and dry, frees fingers for climbing, fishing, etc. Color: tan backs with brown palms. Sizes: S, M, L.

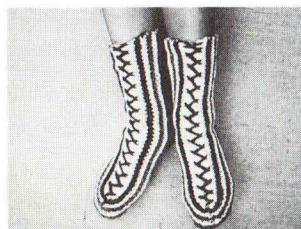
A508 ave wt. 2 ½ oz. \$ 5.50

G. I. GAUNTLET MITTS. Very good for cold weather mountaineering. Full leather palm and thumb, back and gauntlet of close-weave cotton twill. Removable wool liner, strap for tightening, and trigger finger for performing delicate tasks without removing gloves.

A501 wt. 10 oz. \$ 3.25

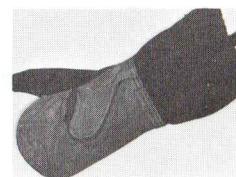
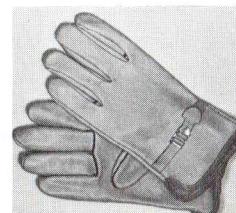
SILK GLOVE LINERS. Augments warmth of any glove or mitten. Very useful under cold conditions when mitts must be removed to operate cameras, tie crampon straps, etc. Send glove size when ordering. Color: natural. Sizes: S, M, L.

A511, ... ave. wt. 1 oz. \$ 3.00



ICELANDIC FOOTWARMER SOCKS.

Handknit of the same soft wools as our Icelandic pullovers, this attractive sock follows the contours of any foot, fitting snugly around the heel and ankle. Ideal as a warming slipper or bed sock. One size fits all. Colors: combinations of grey, beige, cream, and dark chocolate. A956 wt. 4 oz. \$ 6.00

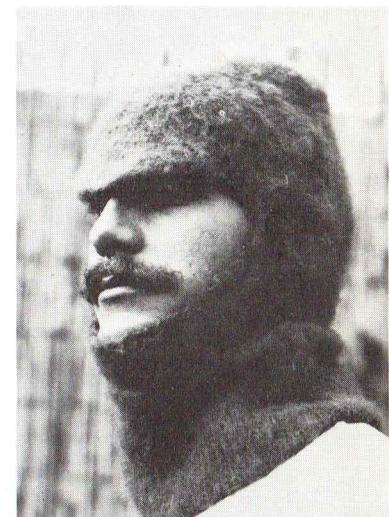
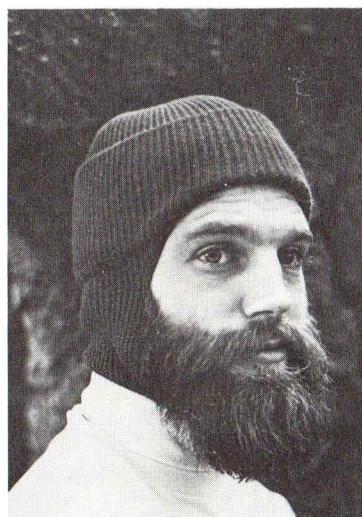


ROLLER-CRUSHER. The woodsman's favorite. Can be shaped to suit your mood. Takes crushing, smashing, folding, and stomping in its stride. Tends to become very distinctive in shape after long wear. Colors: black, red, green, gold. Sizes 6 ½ to 7 ½.

A711 ave. wt. 3 oz. \$ 2.75

BASQUE BERET. Made in traditional style of 100% wool felt. Satin lined; leather head band. Colors: black or green. Sizes 6 ½ to 7 ½.

A729 ave. wt. 4 oz. \$ 3.00



ORLON BALACLAVA. The versatile "Eski Cap." Looks good on the ski slopes, gives all-weather protection with its built-in face mask. Non-allergenic and as warm as wool. Colors: red, navy, black.

A710 wt. 3 oz. \$ 2.25

WOOL BALACLAVA. The original British Balacalva helmet; an invaluable item for extremely cold weather. Can be used either as a cap or a full protective helmet. Made from long fiber, soft, fleecy, Shetland wool. Colors: navy, grey, tan. A711 wt. 4 oz. \$ 2.75

DUOFOLD UNDERWEAR. Two layers. Next to your skin, soft no-itch cotton absorbs perspiration—passing it through an insulating air space to the outer layer of wool/cotton/nylon blend, where it evaporates. Color: scarlet. Sizes: men's shirts 34–46; men's longs 28–46; ladies' shirts and longs 10–20.

A653 .. Shirts; ave. wt. 9 oz. . \$ 6.50
A654 .. Longs; ave. wt. 9 oz. \$ 6.50

NORSE NET UNDERWEAR. Year-round comfort is provided by this traditional Scandinavian underwear. Fishnet design creates many small insulating air spaces for winter warmth and summer cool. Open cell construction allows evaporation of perspiration, thereby preventing outer garments from sticking to skin. Knitted from soft white cotton. Short sleeves. Sizes small, medium, large, X-large.

A651 .. Shirts; ave. wt. 7 oz. . \$ 3.50
A652 .. Longs; ave. wt. 7 oz. \$ 3.50



stoves

A SVEA 123. An ideal combination of high efficiency and low weight, this practical Swedish stove will fit into any ordinary rucksack pocket. Burns about 1 hour on 1/3 pint of white gasoline. Requires no pumping. Safety valve. Integral windscreens also serve as stand for pots. Small pot is included with stove. Packed size with windscreens and pot 5" x 3 1/4" diameter.
U703 wt. 18 oz. \$ 13.00

B BLEUET. This French stove uses disposable butane cartridges. Each cartridge will burn for 2 1/2 to 3 hours at maximum flame. Regulating valve controls flame. No priming, pre-heating, or pumping—simply open valve and light. Comes complete with one butane cartridge. 8 1/2" x 3 1/2".
U710
with cartridge wt. 25 oz. \$ 7.25
Bleuet Windsreen
U710/w wt. 2 oz. \$ 1.10
Bleuet Cartridge
U711 wt. 10 oz. . ea. \$.80
Box of 6 Bleuet Cartridges
U712 wt. 3 3/4 lbs. \$ 4.80
Butane cartridges may not be shipped by Air Mail.
Cleaning Needle \$.35

C SIGG TOURIST. A lightweight camp stove set, designed for use with Svea 123. Set consists of one casserole of 2 1/2 pint capacity, one casserole of 3 1/2 pt. capacity, one lid/pan, upper and lower wind guard, strap, and Svea 123 gasoline stove. Stove fits inside pots. Nested size 8 1/2" dia. x 4 3/4" high.
U733 wt. 2 lbs. \$ 17.50
Sigg Tourist set without stove
U732 wt. 21 oz. \$ 10.00

D OPTIMUS 80. This compact stove comes in a metal box which serves as a windscreen/cooking pot stand. Burns white gas and requires no pumping. 1/2 pt. burns about 1 1/2 hours. 3 3/4" x 5 1/4".
U701 wt. 20 oz. \$ 10.50

E PHOEBUS 625. Ideal for expeditionary use, this compact and versatile Austrian stove is rated to boil one quart of water in 4 minutes. Burns white gas, but regular gas may be used if the cooking area is properly ventilated. Burns 1 1/2 hours on one pint of fuel. Packed in a 5" x 7 1/2" metal box.
U707 wt. 42 oz. \$ 14.00

F OPTIMUS 111B. Wide, low profile gives stable base for pots. 1/4 pint of white gas will last about 2 hrs. Powerful, regulating burner with self-cleaning device is rated to boil 1 qt. of water in 3-4 minutes. Wind-shield ensures perfect working under adverse conditions. Built-in pump provides desired pressure. Brass tank with safety valve. Japanned steel case measures 6 1/4" x 6 1/4" x 4 1/8".
U715 wt. 3-7/16 lbs. \$ 20.00

G PRIMUS 2049. The easiest of all stoves to use, this instant-lighting 2-burner is ideal for car camping or any situation where size and weight are not of primary importance. Clean, fast, efficient. Folded size 17" x 13" x 2". Burns propane gas.
U713 wt. 9 1/8 lbs. \$ 33.50

H Disposable Propane Cylinder. For Primus 2049 14 oz. gas burns 3-5 hours.
U751 wt. 29 oz. \$ 1.50

I Primus Refillable Propane Tank. Holds 3 1/2 lbs. propane gas. Easy filling. The most economical way to use propane. 13 1/2" high, 5-7/8" in diameter.
U752
(without gas) wt. 5-3/16 lb. \$ 16.00

J OPTIMUS 8R. Smaller version of the 111B. Self pressure system. 1/4 pt. of white gas lasts about 1 1/4 hrs. Rated to boil 1 qt. of water in 6-7 minutes. Size 5" x 5" x 3".
U714 wt. 27 oz. \$ 13.50

K ALCOHOL STOVE. An excellent little stove for making a cup of tea or soup on the trail. 3 3/4" dia. x 2" high.
U708 wt. 4 oz. \$ 1.75

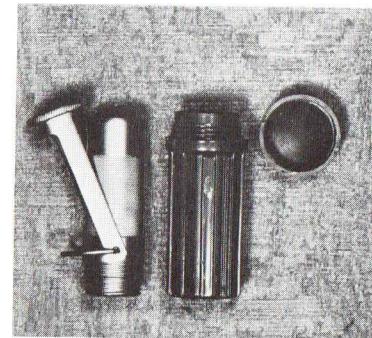
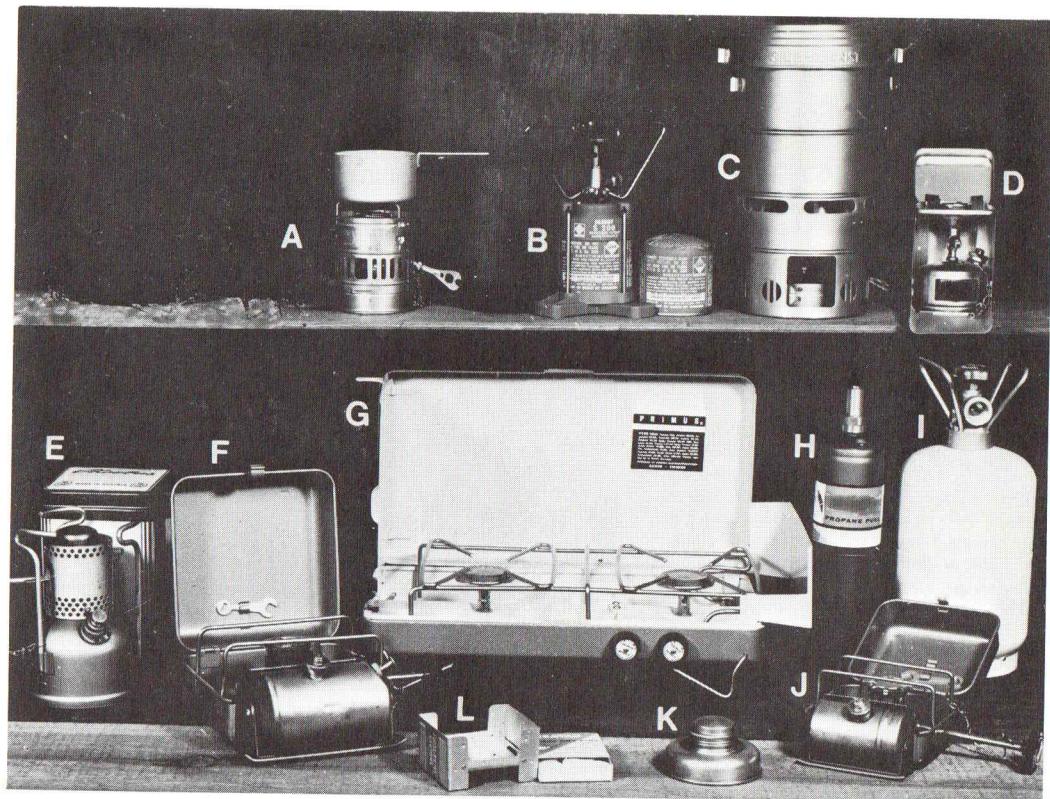
L HEAT TAB STOVE. Simple folding stove uses solid fuel tablets. Two hours fuel included.
U716 wt. 2 oz. \$ 1.75

HEATABS. Solid fuel tablets light with match. May be used with Heatab stove or for starting fires and priming gasoline stoves.

2 hr. supply
U717 wt. 3 oz. \$.80
4 hr. supply
U718 wt. 6 oz. \$ 1.20



PLASTIC FUNNEL. Lightweight polyethylene, with metal screen to filter gas for camp stoves, etc.
U911 wt. 1/4 oz. \$.35

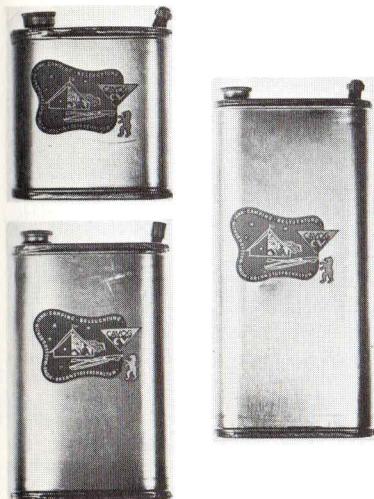


MARBLES MATCH BOX. Made of seamless drawn brass with rough-surface match scratcher on sides. 2 3/4" x 1". Waterproof.
E507 wt. 1 1/4 oz. \$ 1.75

PLASTIC MATCH BOX. Waterproof, hard plastic. Cork gasket, striking flint. 2 3/4" x 1".
E506 wt. 1 1/2 oz. \$.45

FLINT STICK. Gives off a high-temperature spark that will ignite flammable gases and liquids or tinder. Comes in kit with flint, striker, tinder, and key ring.
E504 wt. 3/4 oz. \$ 1.00

METAL MATCH. Simply hold over tinder and ignite by rapidly scraping with a sharp object which will produce a shower of long-lasting high temperature sparks.
E505 wt. 3/4 oz. \$ 2.50



FUEL CONTAINERS. Flat type. Tin alloy, leakproof, non-corrosive. Brass pouring spout and filling cap. Built-in filtering screens.

U620 1 pint

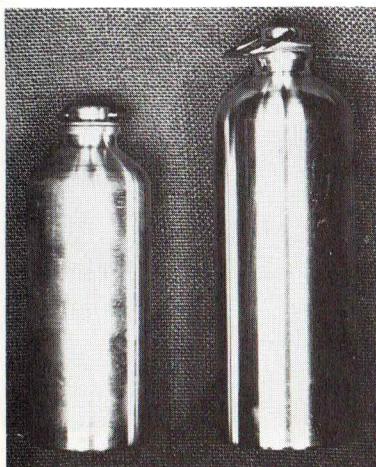
4" x 1 $\frac{1}{4}$ " x 4 $\frac{1}{2}$ " . wt. 4 oz. . \$ 2.20

U621 1 $\frac{1}{2}$ pint

4" x 1 $\frac{1}{4}$ " x 7" . wt. 5 oz. . \$ 2.30

U622 1 quart

4" x 1 $\frac{1}{4}$ " x 9 $\frac{1}{2}$ " . wt. 6 oz. . \$ 2.50



ALUMINUM BOTTLES. Leakproof and non-corrosive. Good fuel bottles.

Red Anodized Finish

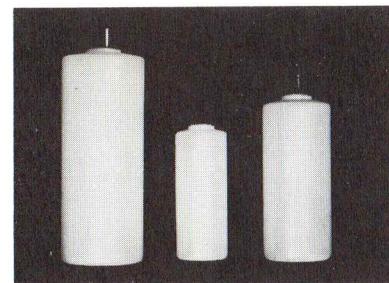
U610 Pint wt. 4 $\frac{1}{4}$ oz. . \$ 2.50

U612 Quart wt. 6 oz. . \$ 2.75

Spun Aluminum Finish

U600 Pint wt. 4 $\frac{1}{4}$ oz. . \$ 1.75

U602 Quart wt. 6 oz. . \$ 2.25



POLYETHYLENE BOTTLES. Unbreakable, lightweight. Excellent for carrying liquids.

U640 1/2 pt. wt. 3/4 oz. . \$.35

U641 1 pt. wt. 1 $\frac{1}{4}$ oz. . \$.60

U642 1 qt. wt. 2 $\frac{1}{4}$ oz. . \$.75



BOTTLES WITH ATTACHED CAP. Made in Austria of non-breakable soft polyethylene. Vertical corrugations for strength. Non-losable plug stopper and screw cap.

U630 1 pt. wt. 2 $\frac{1}{4}$ oz. . \$.70

U631 1 $\frac{1}{2}$ pt. wt. 3 oz. . \$.75

U632 1 qt. wt. 3 $\frac{1}{2}$ oz. . \$.90



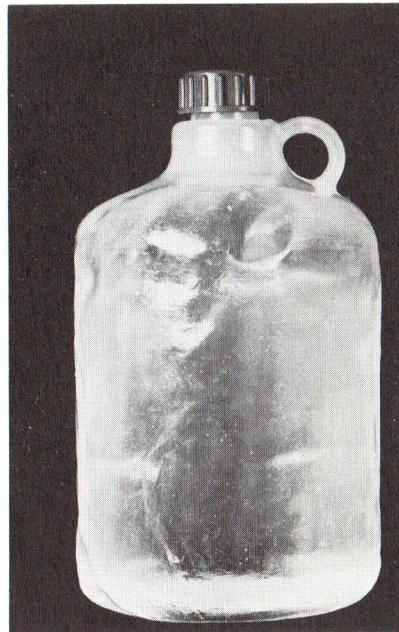
PLASTIC WIDE-MOUTH BOTTLES.

Unbreakable polyethylene. Positive sealing heavy-duty lid.

U650 1/2 pt. wt. 1 $\frac{1}{4}$ oz. . \$.45

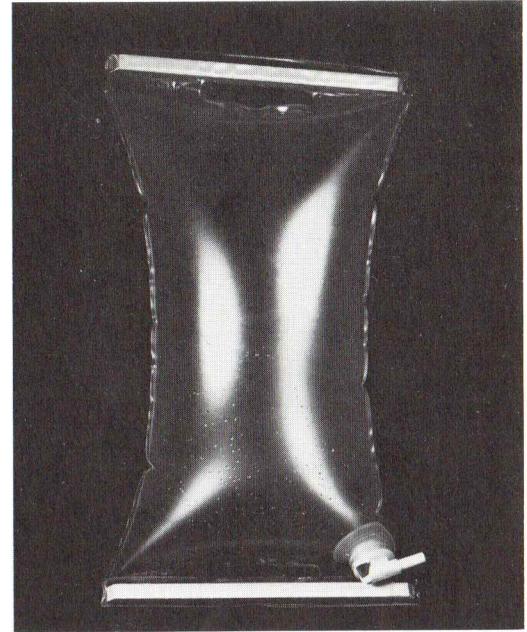
U651 1 pt. wt. 2 $\frac{1}{2}$ oz. . \$.70

U652 1 qt. wt. 5 $\frac{1}{2}$ oz. . \$ 1.10



COLLAPSIBLE PLASTIC BOTTLE. Stands upright when filled—collapses when empty. Leakproof plastic screw-cap. 5 qt. capacity.

U655 wt. 4 $\frac{1}{2}$ oz. . \$ 1.25



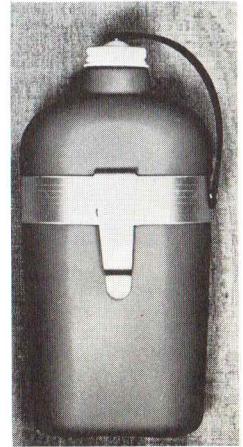
COLLAPSIBLE WATER BAG. Thick, flexible vinyl container holds 11 quarts. May be rolled up. Removable spigot at bottom, handles at both ends. Convenient water supply.

U662 wt. 8 $\frac{1}{2}$ oz. . \$ 2.50



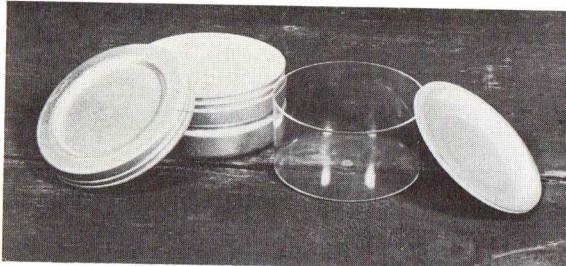
PLASTIC FLASK. Unbreakable. Translucent frosted finish. Shaped to fit hip. Two caps; outer one measures 1 fluid oz.

U643 wt. 2 oz. . \$ 1.00



PLASTIC CANTEEN. Lightest of its type. Attached metal cap and belt clip. Holds 1 quart.

U644 wt. 4 oz. . \$ 2.50



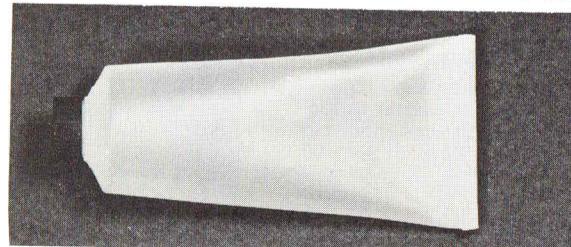
ALUMINUM PROVISION BOX. Comes with inner plastic container and hermetically sealing inside cover. The best way to pack butter, jams, condiments, etc. Plastic insert is light and odorless.

U835	2" x 3½"	wt. 2½ oz.	\$ 1.40
U840	.2¼" x 4"	wt. 3 oz.	\$ 1.50
U847	.2¼" x 4¾"	wt. 4½ oz.	\$ 1.85
U855	.2½" x 5½"	wt. 7 oz.	\$ 2.50



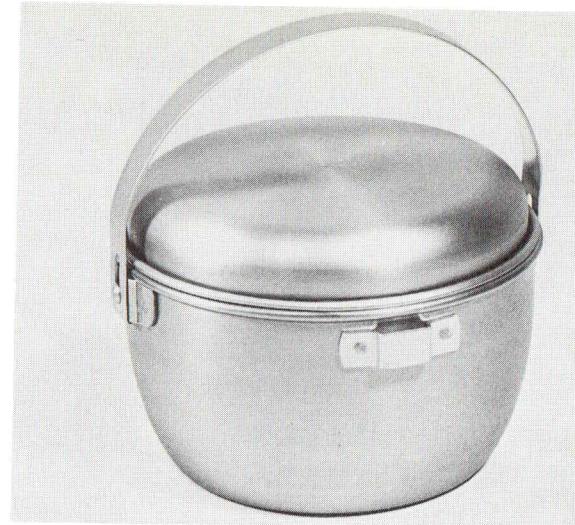
PLASTIC EGG BOXES. Hard plastic; will not dent or crush. Condiment containers included.

U802	2-Egg	wt. 1 oz.	\$.35
U804	4-Egg	wt. 2½ oz.	\$.60
U806	6-Egg	wt. 3¾ oz.	\$.95
U812	12-Egg	wt. 6 oz.	\$ 1.25



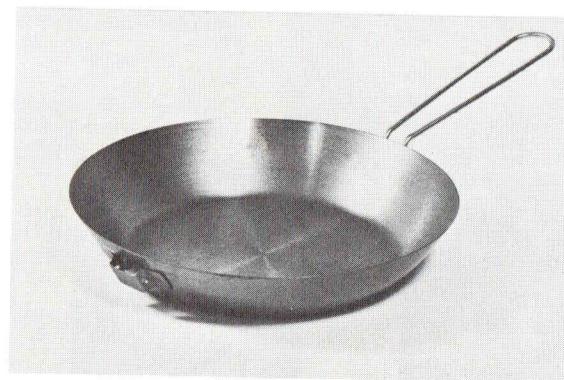
POLY-SQUEEZE TUBE. Solves the packaging problem for hard-to-carry foods: jams, margarine, honey, peanut butter, etc. Refillable by disengaging the clip at the end. Eggs can be broken into the open tube; yolks will usually remain intact for quick and easy fried eggs in the morning.

U638	wt. ¾ oz.	ea.	\$.35
	3 for	\$ 1.00	
Extra Clips	3 for	\$.20	



ALUMINUM SCOUT KETTLES. Swiss-made nesting kettles of first-quality workmanship. Securely fastened bail handles which lock into upright position. The lid of each kettle also serves as plate or pan.

U016	.2½ pint	6¼" dia.	wt. 8¾ oz.	\$ 3.75
U018	.3½ pint	7¼" dia.	wt. 11½ oz.	\$ 4.00
U020	.5¼ pint	8" dia.	wt. 14½ oz.	\$ 5.00
U022	.7 pint	8¾" dia.	wt. 17½ oz.	\$ 5.75
U024	.8¾ pint	9¾" dia.	wt. 20 oz.	\$ 6.75



STEEL FRY PAN. Far superior to aluminum for frying. Detachable handle.

U130	8¾" dia.	wt. 12 oz.	\$ 2.25
U131	9¾" dia.	wt. 14½ oz.	\$ 2.50

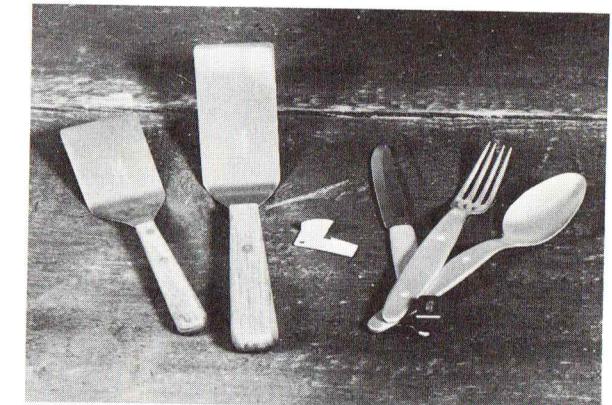


ALUMINUM DEEP PLATE. Light Aluminum. Rounded edges. 8" diameter.

U401	wt. 3 oz.	\$.90
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SIERRA CLUB CUP. Classic stainless steel design, far superior to other metals as it is less prone to heat up when filled with hot liquids. The steel wire handle remains cool and can be easily hooked onto belt. Useful for stews, cereals, etc., as well as beverages. 4½" top diameter, 3-1/8" at base, 1¾" deep, nesting.

U400	wt. 3 oz.	\$ 1.25
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SPATULAS. Rustproof, light stainless steel blade. Hardwood handle with brass rivets.

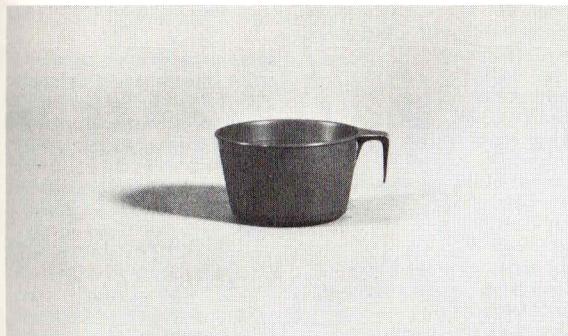
U901	.2" x 2¾" blade	wt. 1½ oz.	\$ 1.50
U902	.2" x 4" blade	wt. 2½ oz.	\$ 2.00

HANDY OPENER. Tiny, lightweight, efficient folding can opener. Doubles as screwdriver and lid pryer.

U910	wt. 1/8 oz.	\$.10
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KNIFE FORK SPOON SET. British import. All aluminum with Sheffield stainless steel knife blade. Clip holds utensils firmly together.

U403	wt. 3 oz.	\$ 1.65
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PLASTIC CUP. Tough, flexible polypropylene. Marked in $\frac{1}{4}$ cup increments. Cups nest for packing. Color: green.
U405 wt. 1 oz. \$.25



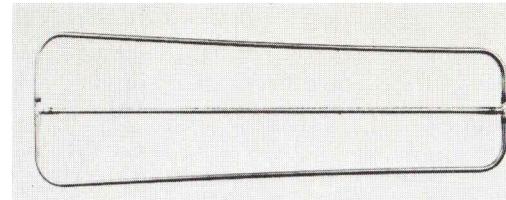
SALT AND PEPPER SHAKER. Imported 2 section plastic container. Flip-up cap prevents spilling.
U800 wt. $1\frac{1}{4}$ oz. \$.60



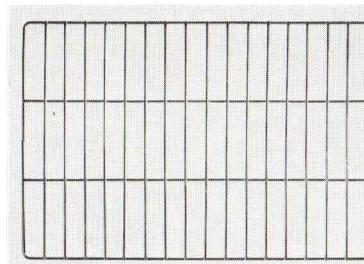
HOT POT TONGS. Lightweight aluminum for gripping hot utensils. Hook for lifting wire bales.
U905 wt. $3\frac{3}{4}$ oz. \$ 1.25

ALUMINUM POT GRIPPER. Simple, very lightweight. $4\frac{3}{4}$ " long.
U906 wt. $1\frac{1}{2}$ oz. \$.55

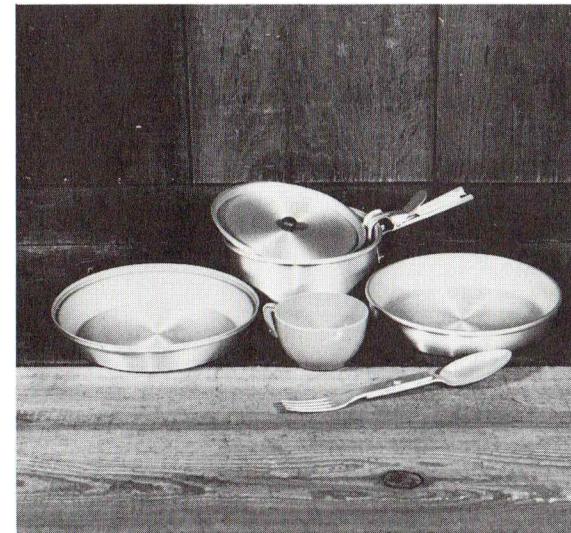
STEEL POT GRIPPER. Spring-loaded grip. Stronger for heavy pots than aluminum. 6" handle.
U907 wt. $3\frac{1}{4}$ oz. \$.65



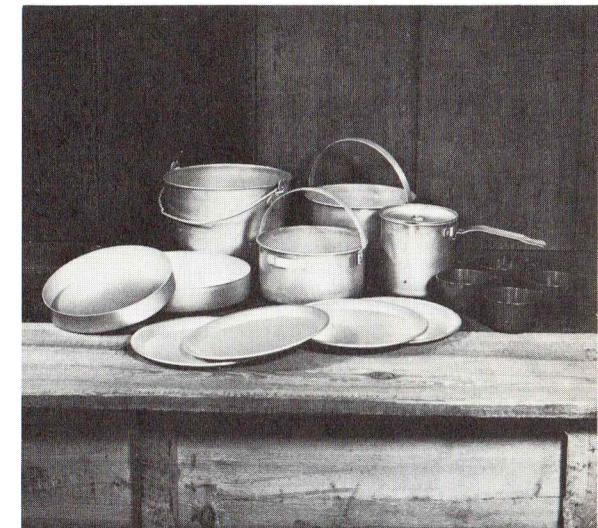
BACKPACKER GRILL. Lightweight and adaptable. Stainless steel tube construction. Large enough for two average-sized pots. Includes lightweight fabric case. $4\frac{1}{2}" \times 15\frac{1}{2}"$.
U504 wt. (w/case) 4 oz. \$ 5.75



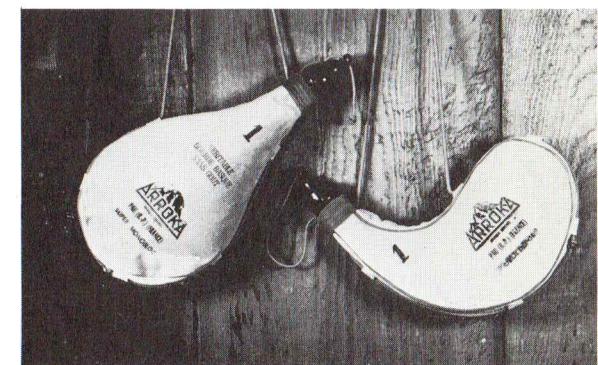
WIRE GRILL. Simple lightweight platform without legs. Nickel-plated steel. $9"$ x $13"$.
U502 wt. 7 oz. \$ 1.50



SAFARI ONE-MAN COOKSET. Spun aluminum from West Germany. Includes 8" plate, 7" fry pan, $6\frac{1}{4}$ " dia. pot with lid, spoon-fork combination, spring pot gripper, and plastic cup. Packs into neat unit $2\frac{1}{2}" \times 8"$ diameter. Exceptionally lightweight and an excellent value.
U301 wt. $17\frac{1}{2}$ oz. \$ 3.75



4-MAN COOKSET. 6-, 4- and 2-quart pots. $9\frac{1}{4}"$ and $8\frac{1}{4}"$ fry pan/lids. Coffee pot with cover. 2 detachable aluminum handles. 4 aluminum plates. 4 plastic cups. 2 detachable bales. Packs into a compact $7"$ x $9"$.
U304 wt. $4\frac{3}{4}$ lbs. \$ 13.50



BOTAS. Authentic Basque winebags. Made of natural tan suede. Lined with tasteless clear coating to protect contents. Red sling cord. Contents can either be poured from the filler spout or squirted directly into the mouth.
U680 .. 1 quart Kidney shape wt. 6 oz. \$ 6.50
U681 .. $1\frac{1}{2}$ quart Kidney shape wt. $6\frac{1}{2}$ oz. \$ 7.50
U682 .. 1 quart Teardrop shape wt. 5 oz. \$ 4.95
U683 .. $1\frac{1}{2}$ quart Teardrop shape .. wt. 6 oz. \$ 5.95

34 foods

KEY TO SUPPLIERS

RM Richmoor
DL Dri-Lite
KP Kamp Pack
W Wilson

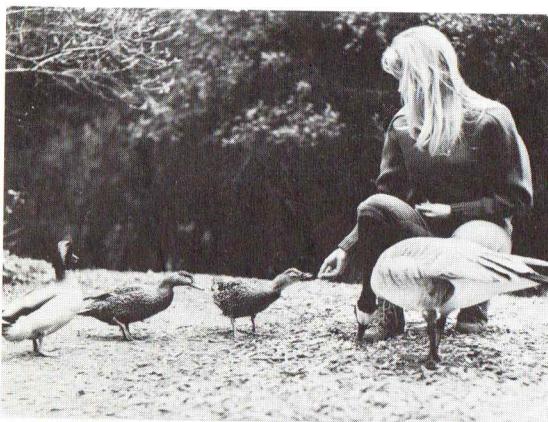
All weights are supplied by manufacturers.
All prices are subject to change without notice.

Discount policy:

1. 10% discount on all orders over \$100.00
2. 20% discount on all orders over \$250.00*
3. 30% discount on all orders over \$500.00*

Please allow 3 weeks shipment on 20% and 30% discount orders:

*Applies to Richmoor items only.



SPORTADE. For the active person who has worked up a sweat and needs a pick-me-up. A quick-acting food supplement which replenishes the natural body fluids which are lost during periods of activity. Sportade is presently being used by high school and college athletic teams across the country, and was used by the 1968 U.S. Olympic Team in Mexico City. Individual packet is mixed in 6 oz. of water.

Individual packets 2 for \$.25
Case of 100 packets \$10.00

VINYL FOOD BAGS. 5" x 11" with tie-tape closure. Heavy duty vinyl.

U950 wt. 1 1/4 oz. \$.55

PLASTIC FOOD BAGS WITH CLIPS. Reusable strong polyethylene bag with patented clip for air-tight closure. Packaged in units of 11.

U972 2" x 4" x 12" \$ 1.75
U975 3" x 6" x 15" \$ 2.10
U978 4" x 6" x 18" \$ 2.65

POLYETHYLENE BAGS. Extremely lightweight yet durable. Tear resistant, odorless.

U962 2" x 4" x 12" 10 bags \$.20, 50 bags \$.85
U965 3" x 6" x 15" 10 bags \$.30, 50 bags \$ 1.25
U968 4" x 6" x 18" 10 bags \$.45, 50 bags \$ 1.85

Item	net wt.	servings	price			
Beef jerky	2 oz.	.79		Lunch No. 1	19 5/8 oz. 4 2.80	
Beef jerky	4 oz.	1.98		swiss cheese with bako crisps		
Beef jerky	8 oz.	3.98		melba toast		
Beef jerky	16 oz.	7.90		beef jerky		
Beef steaks (W)	2 oz.	2	2.00	fruit punch		
Pork chops (W)	2 oz.	2	1.45	Lunch No. 2	30 1/2 oz. 4 2.73	
Hamburgers (W)	3 1/4 oz.	2	1.65	spicy apple chips		
Diced ham (W)	1 oz.	2	.64	grape jelly spread		
Beef patties (W)	2 oz.	2	1.05	peanut butter spread		
Pork patties (W)	2 oz.	2	1.00	pilot biscuits		
Meatballs (W)	1 1/4 oz.	2	1.10	vanilla shake mix		
Meat bars (W)	3 oz.		1.35	Lunch No. 3	35 3/8 oz. 4 2.80	
Bacon bars (W)	3 oz.		1.10	canned corned beef		
Swift's pre-fried bacon (W)	6 1/4 oz.		1.65	blackberry jelly spread		
Ground hamburger (RM)	1 1/2 oz.		1.20	pilot biscuits		
for use as an additive				chocolate shake mix		
Ground chicken (RM)	1 1/2 oz.		1.25	Lunch No. 4	36 oz. 4 3.17	
for use as an additive				canned chopped beef		
Freeze-dried chicken, diced (RM)			1.25	cheddar cheese spread		
Beef Sausage (KP)	12 oz.		1.90	pilot biscuits		
Corned beef (RM)			1.58	strawberry shake mix		
RICHOOR PACKAGED MENUS—Ave. wt. under 2 lbs.						
Breakfast No. 1	30 oz.	4	2.10	Dinner No. 1	28 3/4 oz. 4 3.37	
instant applesauce				chicken rice soup		
pancake mix				chili mac w/beef		
maple syrup				chocolate pudding		
sweet milk cocoa				fruit punch beverage		
vegalene				Dinner No. 2	27 1/4 oz. 4 3.53	
Breakfast No. 2	22 1/4 oz.	4	2.87	freeze dried corn		
orange juice drink				chicken a la king		
eggs 'n bac-o-bits				instant mashed potatoes		
hashed brown potatoes				vanilla pudding		
sweet milk cocoa				orange beverage		
vegalene				Dinner No. 3	37 oz. 4 4.03	
Breakfast No. 3	38 1/2 oz.	4	3.45	tomato noodle soup		
peach slices w/sugar				vegetable beef stew		
brown'n'serve sausage				dumplings (biscuit mix)		
cornbread mix				butterscotch pudding		
maple syrup mix				pineapple-orange beverage		
sweet milk cocoa				Dinner No. 4	26 3/4 oz. 4 3.48	
vegalene				vegetable beef soup		
Breakfast No. 4	23 3/4 oz.	4	3.80	quick chicken rice dinner		
instant applesauce				french apple compote		
scrambled eggs w/freeze-dried ham				lemon beverage		
hashed brown potatoes				Dinner No. 5	27 1/2 oz. 4 3.68	
sweet milk cocoa				french onion soup		
vegalene				beef stroganoff w/noodles		
Breakfast No. 5	31 oz.	4	3.08	banana cream pudding		
fruit cocktail w/sugar				grape beverage		
melba toast				BREAKFAST DISHES		
French toast mix				Familia Birchermeuesli	13 oz. .92	
maple syrup mix				Eggs 'n bac-o-bits (RM)	4 1/4 oz. 4 1.12	
sweet milk cocoa				Scrambled eggs (RM)	3 1/4 oz. 4 1.00	
vegalene				Pancake mix (RM)	12 oz. 4 .50	
Quick Trail Breakfast	26 1/2 oz.	4	2.80	Maple syrup mix (RM)	6 1/2 oz. 4 .35	
banana chips				Blueberry syrup (RM)35	
sugar frosted flakes				Oatmeal w/sugar and milk (RM)	10 1/2 oz. 4 .50	
instant milk for cereal				Western Omelette (RM)	4 1/2 oz. 4 1.15	
pop-tarts				French toast mix (RM)	4 1/2 oz. 4 .65	
sweet milk cocoa				New "ASTRO" freeze-dried eggs. Produced by Richmoor for the Apollo 12 moon flight. Butter has been added for even better tasting eggs.		
					1.40	

DINNER DISHES WITH MEAT

Creamed chicken w/noodles (DL)	11 oz.	4	2.30
Vegetable beef stew (RM)	8½ oz.	4	2.22
Chili mac w/beef (RM)	11½ oz.	4	1.92
Quick chicken rice dinner (RM)	11 oz.	4	1.98
Western hash w/beef (RM)	9½ oz.	4	1.92
Chili con carne ranchero (RM)	12½ oz.	4	2.03
Beef stroganoff w/noodles (RM)	12¾ oz.	4	2.32
Chicken a la king (RM)	6½ oz.	4	1.63
Turkey supreme w/noodles (RM)	12 oz.	4	2.17
Sunset supper (DL)	7½ oz.	4	2.25
Spaghetti w/meatballs (RM)	13½ oz.	4	2.25
Ham'n beans (RM)	15 oz.	4	2.10
Ham & cheese dinner (RM)	12 oz.	4	2.00
Shrimp creole (RM)	10¾ oz.	4	2.57
Corned beef (RM)			2.57
Fiesta Mexicana (RM)			1.53
Beef Taco Comida (RM)			1.92
Chicken Romanoff (RM)			2.32
Chicken Pilaf (RM)			2.25

MEATLESS DINNER DISHES

Chili 'n beans (DL)	10 oz.	4	.88
Spanish rice (RM)	9½ oz.	4	1.00
Vegetable stew (DL)	5 oz.	4	.88
Macaroni and cheese (RM)	13 oz.	4	1.00

BEVERAGES

Wylers fruit-ade mixes			
Strawberry	3 oz.	1 qt.	.25
Cherry	3 oz.	1 qt.	.25
Grape	3 oz.	1 qt.	.25
Orange	3 oz.	1 qt.	.25
Lemonade	3 oz.	1 qt.	.25
Lime	3 oz.	1 qt.	.25
Nestle instant cocoa	1 oz.	1	.85/dz
Instant coffee, freeze-dried		1	.65/dz
Orange juice (RM)	4 oz.	4	.58
Tomato juice crystals (RM)	2½ oz.	3	.47
Chocolate shake (RM)	10¾ oz.	4	.60
Strawberry shake (RM)	10 oz.	4	.60
Vanilla shake (RM)	10 oz.	4	.60

FRUITS, SALADS AND DESSERTS

Sierra salad (gelatin mix) (DL)	4 oz.	4	.55
Fruit salad (DL)	6 oz.	4	.70
Tuna salad (RM)			1.75
French apple compote (RM)	5½ oz.	4	.60
Wild cherry gel-dessert (RM)	5¼ oz.	4	.40
Puddings:			
Chocolate (RM)	6 oz.	4	.55
Toasted Coconut (RM)	5½ oz.	4	.47
Lemon (RM)	6 oz.	4	.47
Vanilla (RM)	5 oz.	4	.47
Butterscotch (RM)	5 oz.	4	.47
Banana creme (RM)	6 oz.	4	.55
Apricot slices w/sugar (RM)	6 oz.	4	.93
Peach slices w/sugar (RM)	6 oz.	4	.93
Fruit cocktail w/sugar (RM)	6 oz.	6	.88
Instant applesauce w/sugar (RM)	4¼ oz.	4	.58
Spiced apple chips (RM)	3½ oz.	4	.70
Fruit mix (RM)	4 oz.	4	.70

Date nuggets (RM)	4 oz.	4	.45
Pear slices (RM)	4 oz.	4	.58
Crunchy banana chips (RM)	4 oz.	4	.60
Pineapple (RM)83
Pineapple cheesecake (RM)80

SOUPS

Maggi Swiss soups	2½ oz.	4	.36
pea w/ham			
mushroom			
oxtail			
minestrone			
chicken noodle			
spring vegetable			
egg macaroni			
yellow pea w/bacon			
spaghetti w/meatballs			

VEGETABLES

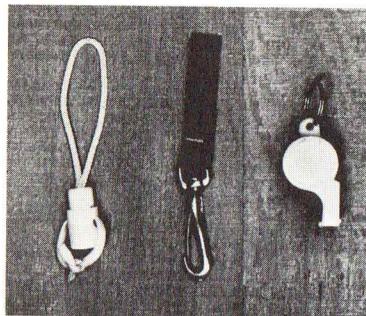
Hashed brown potatoes (RM)	4 oz.	4	.50
Corn (RM)	2½ oz.	4	.60
Peas (RM)	2¼ oz.	4	.60
Peas and carrots (RM)	2¼ oz.	4	.55
Green beans (RM)	1 oz.	4	.65
Tomato flakes (DL)	1 oz.	4	.45

MISCELLANEOUS ITEMS

Darigold canned butter	16 oz.		1.75
Sourdough starter	1½ oz.		1.00
Gravy quick	1½ oz.		.19
Vegalene	4 oz.		.75
Biscuit mix (RM)	11½ oz.	4	.47
Cornbread mix (RM)	9 oz.	4	.47
Pilot biscuits (RM)	10 oz.		.58



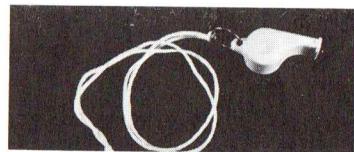
photo / Steve Miller



DRAWSTRING CLAMP. Spring loaded plastic clamp that will hold drawstrings up to parachute cord size on parkas, hoods, packs, etc.
R901 wt. 1/4 oz. \$.35

BELT HOOK. Sturdy nylon strap with swivel snap hook for attaching cups, canteens, etc.
A122 wt. 1 oz. \$.60

PLASTIC WHISTLE. A must for safety in the mountains. Color: white.
E503 wt. 1/2 oz. \$.30



CUTTER'S SNAKEBITE KIT. An essential item for the outdoorsman. Consists of three suction cups, vial of antiseptic, lymph constrictor, and knife blade. 1" x 3".
E509 wt. 1 oz. \$ 3.00

WATER PURIFICATION TABLETS. Kills most germs and bacteria within 30 minutes. One small bottle contains 100 halazone tablets.
G113 wt. 1 1/2 oz. \$ 1.00

6-12 STICK REPELLANT. One application gives 6-8 hours protection against insects.
G112 wt. 1 1/2 oz. \$.85

OFF REPELLANT. A clear liquid that repels mosquitos, gnats, etc. One application lasts hours. 1 1/2 oz. bottle.
G110 wt. 4 oz. \$.70

CUTTER'S INSECT REPELLANT. Highly concentrated formula. Expensive but good. A little goes a long way. Plastic squeeze bottle.
G111 wt. 1 1/2 oz. \$ 1.50

SKREEN. A high altitude cream used by the conquerors of Mt. Everest. Prevents burning, permits tanning.
G104 wt. 1 1/4 oz. \$ 1.50

GLACIER CREAMS.
Red Tube. Prevents burning and tanning at high altitudes. 1 oz. tube.
G101 wt. 1 oz. \$.75
Green Tube. Prevents burning, allows tanning. 1 oz. tube.
G102 wt. 1 oz. \$.70

LUBRIDERM LOTION. Recommended for chapping, windburn, relief of sunburn. 4 oz. plastic bottle.
G105 wt. 5 oz. \$ 1.00

SUNDARE. A clear lotion to prevent burning while promoting a tan. Not oily or sticky. 4 oz. plastic bottle.
G103 wt. 5 1/2 oz. \$ 1.50

A-FIL SUN STICK. For lips that are sensitive to sun and wind. Prevents chapping.
G108 wt. 1 oz. \$ 1.10

PLASTIC SOAP DISH. Hinged lid with catch. Holds 1 bar of soap. 4" x 2 3/4" x 1 1/2".
G204 wt. 1 1/4 oz. \$.25

PLASTIC WASH BASIN. Heavy gauge Vinylite. 10" dia., 4 1/2" height.
U660 wt. 3 1/2 oz. \$ 1.10

PLASTIC WATER BUCKET. Vinylite with handle. 7 1/2" dia., 7 1/2" height.
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G206/811	8" x 11"	\$.45
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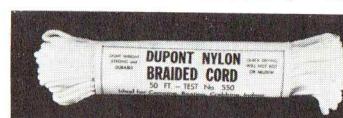
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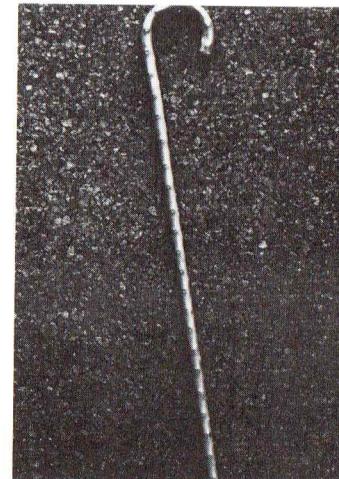


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Fabric	Wt. oz. per sq. yd.	Finish	Width inches	Thread Count per inch	Tear test in lbs. (ave.)	Air Porosity cu. ft. per min.	Colors	Uses	Price per lin. yd.
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N112 Supernyl Nylon	2.5	Downproof	44/45	160x92	7	1.4	Bl., gr., wine	Slp.bgs., Grmts.	\$ 1.60
N107 Urethane Nylon Duck	7.8	Urethane Coated Waterproof	42/43	60x45	56	nil	Bl., gr., org.	Packs, Duffles, Stuff sacks	\$ 3.50
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SYLVANO BUCKLE. Quick-release buckle for 3/4" nylon webbing.

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KLEPPER FOLDOBOATS have been sailed across the Atlantic Ocean twice—a marvelous feat for a boat that can be carried by one man, stowed in the trunk of a car, and erected in 15 minutes. The secret is in the Klepper engineering. This remarkable craft has been in the process of perfection for over 50 years. The individual parts, straight-grained mountain ash with anodized aluminum fittings, lock into a tight and flexible framework. The hull is a tough laminate of rubber and canvas, fitting perfectly over the frame. Undoubtedly the finest of their breed, Klepper foldboats have been a standard on many expeditions to the Arctic and Tropic regions of the world. They are guaranteed for three years. With proper maintenance, Klepper hulls have a life expectancy of at least 15 years and some have exceeded 30 years.

KLEPPER AERIUS DOUBLE-SEATER. In 1956, Dr. Hans Lindeman crossed the Atlantic Ocean sailing a standard Klepper Aerius. This outstanding accomplishment was featured in the July 22, 1957, Life Magazine cover story. This 17' 1" kayak can be used as a sailboat or paddled. Amazingly compact, it folds into 3 luggage-like packbags and easily fits into the trunk of a car. Patented built-in airspars make the Aerius completely unsinkable even when fully loaded and filled with water. Cross ribs are of 9-layer cross-laminated Finnish Birch; guaranteed against warping or disconnecting. Girder construction provides exceptional strength and the kayak-shaped hull is the fastest and most seaworthy of hulls. Assembly is simple and takes approximately 15 minutes due to the tough, anodized snap-lock fittings which will not corrode. Equally at home in white water, pounding surf, shallow marshes and lakes. Weighs only 64 lbs.

K001 wt. 64 lbs. \$390.00

SAILING EQUIPMENT FOR AERIUS DOUBLE-SEATER. Strong Dacron sails. 55' of sailing area. Roller reefing feature for manageability. Can be sailed easily by one person. Strong alloy mast is 9' 2". Includes boom, gaff, battens, footpedal, rudder assembly, leeboards with crossbar, fittings, packbag. KSO01 wt. 19 lbs. \$180.00
K100 ... Aerius II complete w/dacron sailing eqmt. \$538.00

KLEPPER AERIUS SINGLE. For the lone wolf who prefers solo voyages yet insists on the advantages and safety features characteristic of all Klepper foldboats. Excellent maneuverability. Performs well in tricky shallow waters. Unsinkable. Overall length: 15 ft.; beam: 29". Packs into 2 packbags. Equipment includes: built-in air tubes, seat and cushion, swivel backrest and cushion, utility bag, double bladed touring paddle with drip rings, packbags and service kit. K002 wt. 54 lbs. \$315.00

KLEPPER MASTER FOUR-SEATER. Three top action crafts in this one versatile foldaway. Excellent performance as a sail sloop, motor boat or rowboat. Rugged hull is of 5-layer vulcanized natural rubber and longhemp. Deck is of laminated Mountain Ash, Finnish Birch and African Mahogany. Built on the I-beam girder-and-arch principle for strength and stability. 3 built-in airspars for safety and seaworthiness. Boat is unsinkable. Strong transom permits choice of motor sizes to 18 hp. Packs into three handy packbags. Boat is 11' 10" long, with a 4' beam. Needs little or no care; no hauling or trailering; no docking fees; no storage problem. Equipment includes two adjustable seats; wavebreaker of Astralon; metal flagstaff and flag; set of 3 packbags; one auxiliary paddle; and service kit. Silver grey hull and marine blue deck.

K003 wt. 108 lbs. \$530.00

SAILING EQUIPMENT FOR KLEPPER MASTER. Trouble-free Dacron sails with 77 sq. ft. of sailing area. Height of 2-section mast is 15' 11". Sailing equipment includes boom, battens, leeboards with crossbar, rudder assembly with tiller, lines and attachments, and packbag.

K003 wt. 43 lbs. \$320.00

K103 Master complete w/dacron sailing eqmt. \$840.00

KLEPPER TRADEWIND. The only foldaway ever made solely for sailing. 95 sq. ft. of strong Dacron sails produce fantastic speed. Adjustable centerboard allows close-to-wind sailing, prevents drifting. Jam cleats on coaming speed up handling of jibsheets. Four stainless steel stays provide strong bracing for mast. As with all Klepper foldaways, the Tradewind is guaranteed unsinkable due to built-in air tubes along gunwales. Folds into 5 handy packbags (4 for boat, 1 for sails). Ready to sail equipment includes: framework and hull with built in air tubes; 2 seats, wavebreaker, service kit, 3 section mast, boom, adjustable centerboard, rudder assembly, Dacron sails, all fittings, stainless steel shrouds, packbags.

K004 wt. 200 lbs. \$1098.00

SPRAYCOVER FOR TWO-SEATER. Fits around body. Prevents entry of water into hull.

K005 wt. 5 lbs. \$ 31.00

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K006 wt. 3 lbs. \$ 19.50

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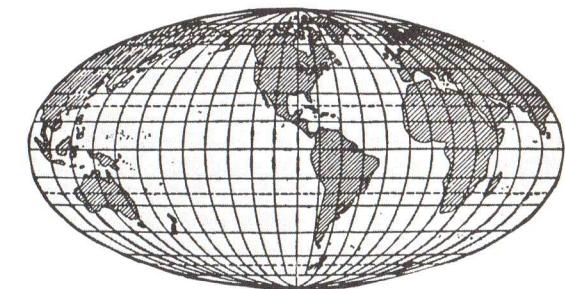
WATERPROOF PAINT. For canvas deck, 2 lb. can, blue.

K022 \$ 6.90

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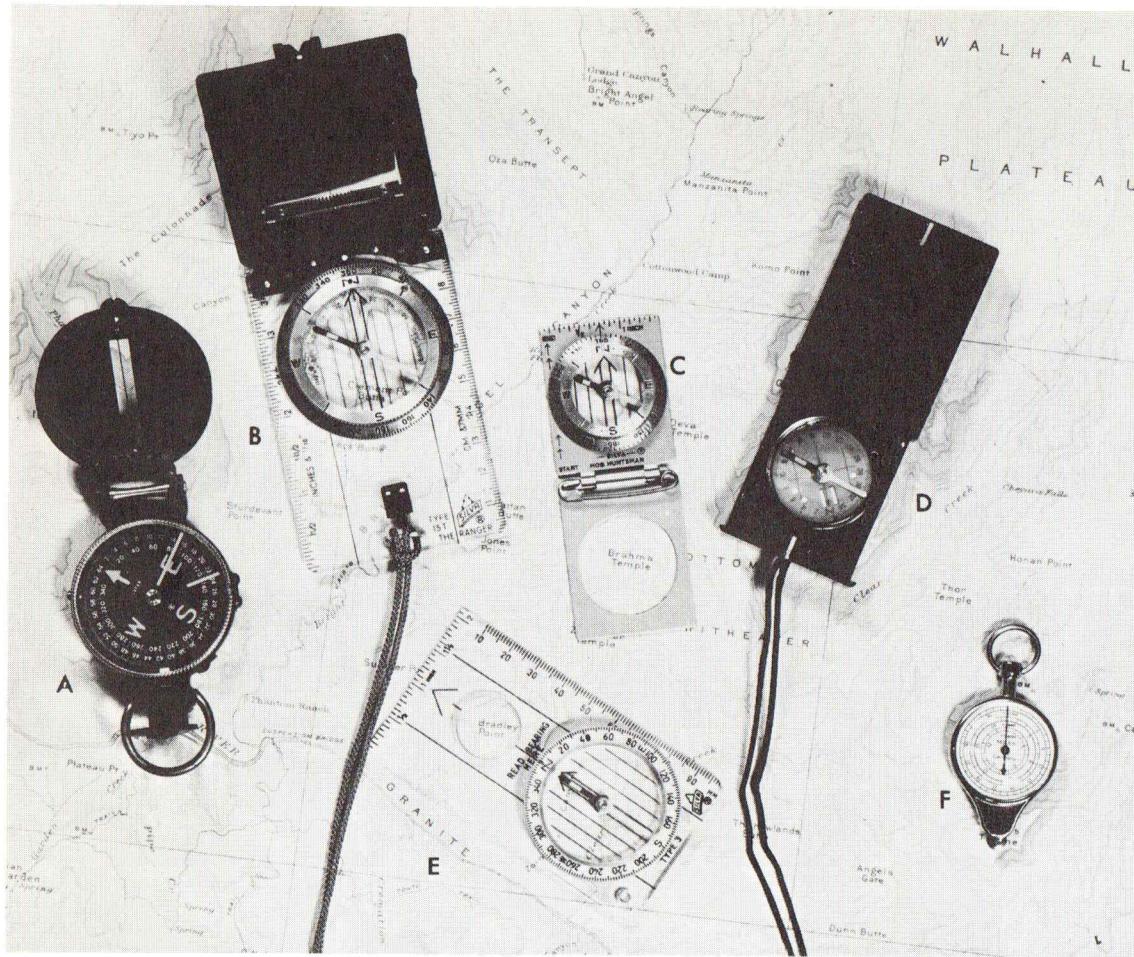
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G206/1216 12" x 16" \$.70

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A LENSATIC COMPASS. Engineer's type compass with sighting device for taking azimuth readings. Small magnifying glass gives degree reading off compass face while sighting. Inexpensive, sturdy and lightweight.
J307 wt. 2 oz. \$ 3.00

B SILVA RANGER. Lighting mirror for speed and accuracy. Sapphire jewel bearing. Highly magnetized needle encased in liquid. Luminous points. Waterproof. Appraised by many as the world's best hand compass. Used by surveyors and scientific explorers. Size 4" x 2 1/2" x 3/4".
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C SILVA HUNTSMAN. Sapphire jewel bearing. Liquid filled housing stops needle oscillation within 4 seconds. Luminous points. Waterproof. Closed cover serves as sun dial; open cover shows 360° graduations. Safety pin fastener attached. 1 1/2" x 2" x 3/8".
J300 wt. 1 oz. \$ 6.50

D SILVA PROSPECTOR. Luminous points. Sapphire jewel bearing. Waterproof. Graduated 0° to 360°. Liquid filled housing is fitted into a drawer. Declination can be set off for any area. Closed size 2-5/8" x 1-7/8" x 13/16".
J302 wt. 4 oz. \$ 15.00

E SILVA EXPLORER III. Sapphire jewel bearing. Liquid filled housing stops oscillation within 4 seconds. Waterproof. Professional quality. Especially for use with maps. Size 2-1/8" x 2-5/16" x 1/2".
J301 wt 1 1/2 oz. \$ 6.00

F MAP MEASURER. Direct reading: no conversion charts needed for any standard domestic maps. 1:62500, 1:31680, and 1:24000 scale maps can be read simply by running the little wheel over the distance to be measured; mileage will appear directly on the dial. Reverse dial for other scales. Precision made. 2-7/8" long. Nickel plated.
J201 wt. 1 oz. \$ 2.75



TRAILWISE CONTOUR FRAME. Rugged aluminum alloy; full contour plus taper. Features fully adjustable, Ensolite cross straps which give excellent weight distribution, reducing the localized pressure on shoulders inherent in all ordinary shoulder strap suspensions. Full nylon mesh back further distributes weight and allows maximum air circulation between pack and wearer. Full circle padded waist belt comfortably transfers most of weight to hips when desired. Nylon hauling strap securely fastened to frame. Riv-nuts placed on sides of frame for mounting pack bag.
R101/s (small) .. wt. 37 oz. . . \$ 28.50
R101/r (regular) .. wt. 38 oz. . . \$ 28.50
R101/l (large) .. wt. 41 oz. . . \$ 28.50
(Small frame fits persons from 5' to 5' 6", regular from 5' 6" to 5' 9", large from 5' 9" to 6' 4").



TRAILWISE PADDED WAIST BELT.
Deluxe full circle waist belt is nylon web, padded with Ensolite, and covered with green nylon duck. The most effective and comfortable waist belt made.

R109/r for small and regular frames
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(specify waist size) wt. 5 oz. . . \$ 4.95

TRAILWISE SHOULDER STRAPS.
Crossover straps to fit Trailwise contour frame. All nylon with ensolite padding. Two-way adjustment for perfect fit. Special buckles allow effortless adjustment of straps, even when wearing pack.
R102 wt. 8 oz. \$ 8.00

NYLON MESH BACK. Strong gauge nylon mesh. Grommets installed along edges and corners for lacing to frame. Lace included.

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R111 ea. \$.10

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R112 wt. 1½ oz. \$.50

TRAILWISE HEAVY DUTY STUFF BAG. Made of waterproof urethane-coated nylon duck, as used in Trailwise packs. Size 8" x 17". Colors: blue, green, orange.
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TRAILWISE PACK BAG MODEL 72.
Single spacious sack, roomy enough to hold all your gear for an extended wilderness outing. Dimensions are changed this year—pack is longer and wider but more shallow in profile so that it rides closer to your back. Side mounted. Material is durable and waterproof heavy-duty urethane coated nylon. The four side pockets measure 3" x 5" x 11" and the back pocket measures 2" x 9" x 9". All pockets have covered nylon coil zippers. Aluminum tube holds top of bag open for easy access. Colors: dark blue, green, orange. Large size measures 16" / 17" wide, 27" / 29" high, 8" / 9" deep. Regular size is approximately 1" smaller.

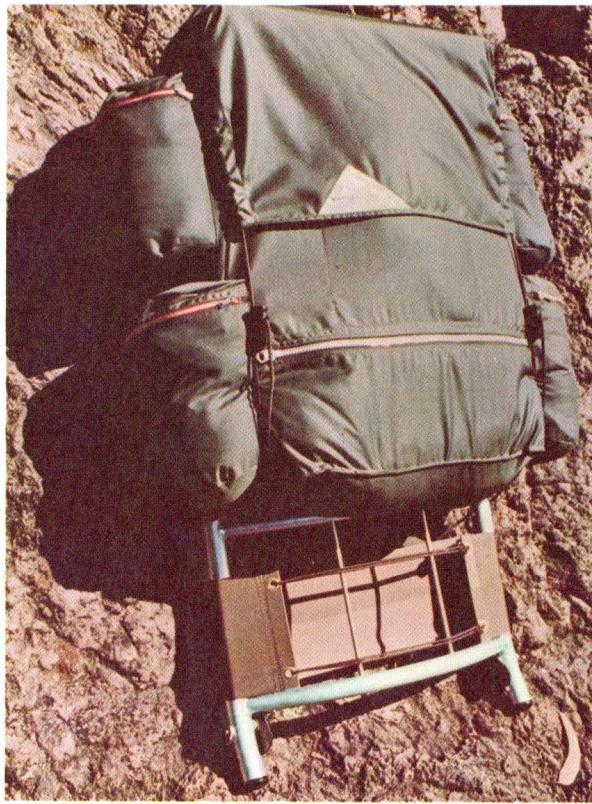
R172R (fits reg. & small frame)
22 oz. \$ 26.00
R172L (fits large frame only)
24 oz. \$ 26.00

TRAILWISE PACK BAG 72 MOUNTED ON TRAILWISE CONTOUR FRAME.
(Specify size) \$ 52.50

TRAILWISE PACK BAG MODEL 74.
Designed to carry sleeping bag outside of main sack. Sack has two compartments. Upper compartment is accessible from top. 6" lower compartment is accessible through 17" wide zippered opening. Side mounting. Center of gravity may be raised or lowered as desired by changing position of sack on frame. Sleeping bag may be carried either above or below main sack. Heavy-duty 8" x 17" waterproof stuffsack is included and is held in place with a length of strong elastic nylon shock cord. Two side pockets measure 3" x 5" x 12". All zippers are nylon coil and are covered for weather protection. Aluminum tube holds top of main sack open for easy loading. Material is waterproof urethane coated nylon. Colors: dark blue, green, orange. Large size measures 8" / 9" x 16" / 17" x 21" / 22", regular approximately 1" smaller.

R174R (fits regular & small frames)
wt. 21 oz. \$ 25.00
R174L (fits large frame only)
wt. 23 oz. \$ 25.00

TRAILWISE PACK BAG 74 MOUNTED ON TRAILWISE CONTOUR FRAME.
(Specify size) \$ 50.00



KELTY PACKS feature a lightweight frame of welded tubular aluminum. Padded shoulder straps. Two 5" wide nylon back bands maintain clearance between pack and hiker's back. Nylon web waist strap has quick spring-loaded buckle. Bag and frame are fastened with aluminum clevis pins.

S Frame 14½" x 27"
S Bag 16½" x 14" x 8½"
M Frame 14½" x 29"
M Bag 18" x 14" x 8½"
L Frame 15½" x 31"
L Bag 20" x 15" x 9"
XL Frame 15½" x 32½"
XL Bag 22" x 15" x 9"

KELTY MODEL A-4. The most popular Kelty packbag. Convenience is provided by the vertical compartments in the upper section of the bag and a horizontal lower section with outside zipper. Equipped with four outside pockets. Fabric is nylon, treated with Zelan for water-repellency. Does not include stuffbag. S, M, L, XL. Color green.

R503
Packbag, frame wt. 53-61 oz. . \$ 49.50

KELTY MODEL B-4. Same dimensions as Model A-4 but without partitions for those who prefer an open-style packbag. Does not include stuffbag. S, M, L, XL. Color green.

R502
Packbag, frame wt. 51-59 oz. . \$ 45.25

KELTY STUFFBAGS are sold separately. Made of the same Zelan treated nylon used in the Kelty packbags.

R510
S - 9" x 17" . wt. 3½ oz. \$ 4.00
R511
M - 10" x 18" wt. 4 oz. \$ 4.00
R512
L - 11" x 19" wt. 4½ oz. \$ 4.00

KELTY PACKBAG RAIN COVER. A waterproof nylon shell that fits over bag to provide rain protection. Specify frame and bag size.

R513 wt. 4 oz. \$ 5.00

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R514 wt. 6 oz. \$ 3.85

A CRUISER CONTOURED FRAME. Low cost serviceable aluminum frame with welded joints. 2" wide shoulder straps are padded and nylon-covered. Two 4½" back bands of heavy cotton duck. An excellent value for the price.

R400/r — Medium
(for those under 5'5") wt. 29 oz. \$ 12.50
R400/l — Large
(for those over 5'5") wt. 35 oz. \$ 12.50

B CRUISER RIDGELINE PACKSACK. For cruiser frames. Made of durable cotton duck, green in color. Two side pockets and one back pocket, with tie-down cords. An excellent low-cost bag.

R401/r — Medium
(14" x 17½" x 7") wt. 17 oz. . \$ 10.75
R401/l — Large
(14" x 21" x 7") wt. 18 oz. . \$ 10.75

C CRUISER SKYLINE PACKSACK. Fits in seconds to the Cruiser frame. Made of waterproof urethane-coated nylon duck. Pack is divided into upper and lower compartments. Four zippered side-pockets, large zippered back pouch, and map pocket. Support tube holds top of bag open for easy access. Colors: green, red or orange.

R402/r — Medium
(15" x 18" x 7") wt. 22 oz. . \$ 26.00
R402/l — Large
(15" x 22" x 8") wt. 24 oz. . \$ 26.00

CRUISER WAIST STRAPS

R403 wt. 8 oz. \$ 1.85



ALP SPORT MODEL 80. The teardrop-shaped Rock Climber Standard is 16" high, and divided into upper and lower compartments. 6" x 12" leather bottom is raked upward to prevent sagging. Shape combined with uncluttered exterior insures against snags. Capacity 10-15 lbs. Ice axe carrier, two accessory strap holders on the bottom, nylon hauling loop, and adjustable waist strap. Colors: Orange or turf. Urethane coated waterproof nylon.

R201 wt. 24 oz. \$ 17.50

ALP SPORT MODEL 90. The Rock Climber Special is the same shape and design as the standard, but on a larger scale. 18" high, with a 7" x 14" bottom. Designed to carry 20-25 lbs., nearly twice the capacity of the Standard. Materials and fittings identical to those of the standard. Colors: orange or turf.

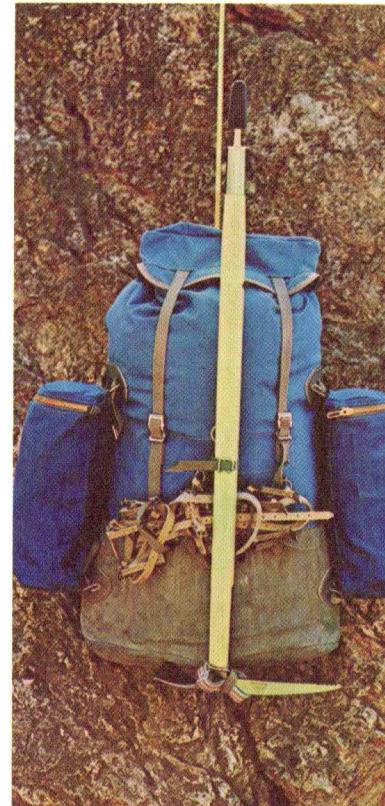
R202 wt. 26 oz. \$ 19.50

ALP SPORT MODEL 100. The Eiger Standard is an ideal rucksack for weekend trips and extended rock climbs. Removable aluminum stays can be bent to conform to the wearer's back. Sharply raked leather bottom measures 7" x 14". Overall height 19". Capacity 30-35 lbs. Two side pockets and large pocket in flap, with covered nylon zippers. Ice axe carrier, two accessory strap holders, nylon hauling handle, adjustable waistband. Material is orange or turf urethane-coated nylon duck.

R203 wt. 29 oz. \$ 28.00

ALP SPORT MODEL 110. The Ski-Mountaineering pack is identical to the Eiger Standard, with the addition of leather-reinforced ski carrying slots between outside pockets and body of pack.

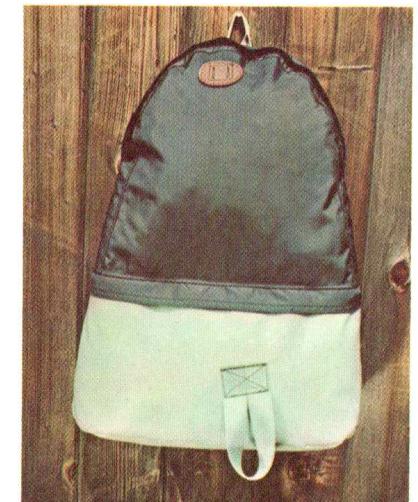
R204 wt. 30 oz. \$ 30.00



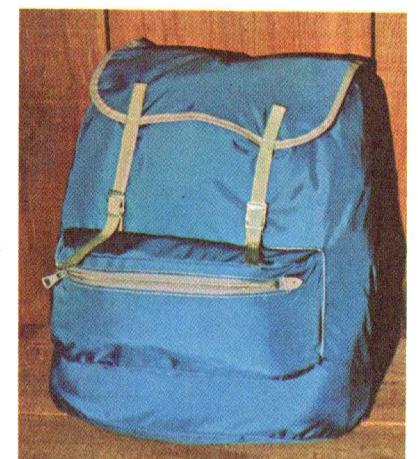
SAC MILLET MODEL 370. The Sherpa pack is constructed of heavy waterproof cotton canvas with suede leather bottom. Frame is rigid contoured back panel extending height of pack, crossed at bottom by steel bow and nylon band. Leather reinforcing at all tension points. Nylon waist band and padded nylon shoulder straps. Main sack measures 6" x 16" x 25". Large inside back pocket. Leather patches with straps for carrying skis. Inner and outer flap pockets. Additional accessory straps for ice axe, crampons, rope, etc. Blue canvas with grey leather.

R310 wt. 4 3/4 lbs. \$ 30.00

R310/p Detachable side pockets as in photo pr. \$ 6.00



TRAILWISE DAY PACK. A capacious and light-weight pack in a teardrop shape. 18" high, 13" wide and 5" deep. Upper and lower compartments. Zippered openings are covered for weather protection. Adjustable straps. Belly band and hauling loop. Ice axe attachments. R125 wt. 16 oz. \$ 16.00



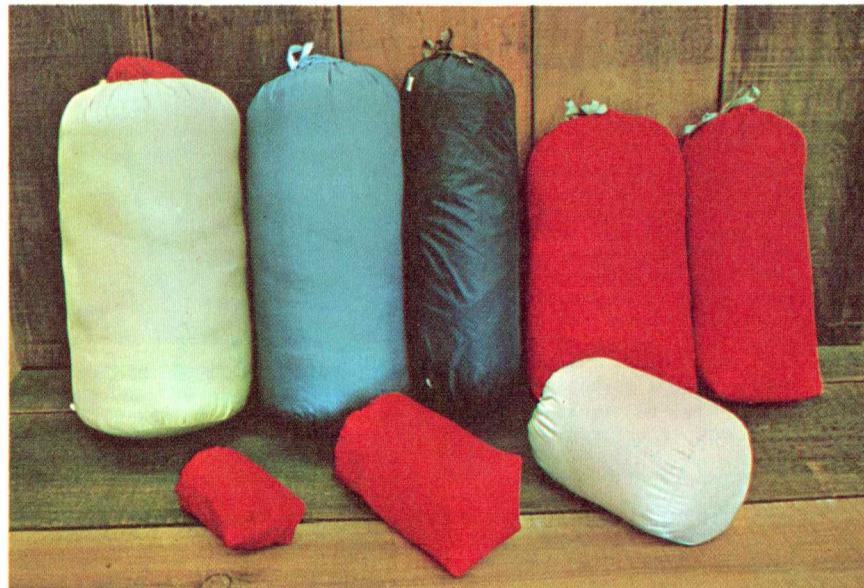
SAC MILLET MODEL 365. A light-weight rucksack for day trips, constructed of urethane coated nylon with reinforced seams. Rigid contoured back panel with steel bow and nylon band at bottom. Nylon waist band and padded shoulder straps. Sack measures 5" x 13" x 18". Outer back pocket with metal zipper. Color: royal blue. R311 wt. 27 oz. \$ 16.00

GERRY KIDDIE PACK. A deluxe carrier. Frame is tubular aluminum and carrying sack is of washable royal blue duck. Seat height is adjustable with storage area under the adjustable inner seat. Nylon shoulder straps with foam padding. 3" wide nylon backband, which transmits large part of load to hips and keeps carrier positioned to allow adequate ventilation.
R811 wt. 20 oz. \$ 15.00



TRAILWISE STUFF BAGS. Made of light-weight coated waterproof nylon. Drawcord closure.

R120/46	
4" x 6"	wt. 1 oz. \$ 1.25
R120/510	
5" x 10"	wt. 1½ oz. \$ 1.40
R120/711	
7" x 11"	wt. 2 oz. \$ 1.50
R120/718	
7" x 18"	wt. 2½ oz. \$ 1.95
R120/722	
7" x 22"	wt. 2½ oz. \$ 2.50
R120/918	
9" x 18"	wt. 2½ oz. \$ 2.50
R120/921	
9" x 21"	wt. 2¾ oz. \$ 2.75
R120/1121	
11" x 21"	wt. 3 oz. \$ 3.00



A TRAILWISE KNAPSACK. Popular low-priced knapsack of water-repellent canvas. Two outside zipper pockets. Main flap is held closed by a bag snap. Fastenings are riveted and leather reinforced. Measures 6" x 14" x 16". Adjustable waist and shoulder straps. Colors: red, green, sage.
R600 wt. 18 oz. \$ 6.50

B JUNIOR KNAPSACK. An inexpensive children's pack. This small knapsack (11" x 12") has a patch pocket located on the outside under flap. Adjustable waist and shoulder straps. Water repellent canvas. Colors: red, green, sage.
R601 wt. 9 oz. \$ 3.50

C TRAILWISE SKIER'S BELT BAG. Made of urethane coated nylon duck, with adjustable belt of nylon web. Contoured to fit the body. Nylon coil side zipper. A handy bag for camera, lunch, wax, goggles, etc. Size 12½" x 4½". Colors: orange, blue, green.
R118 wt. 6 oz. \$ 6.95

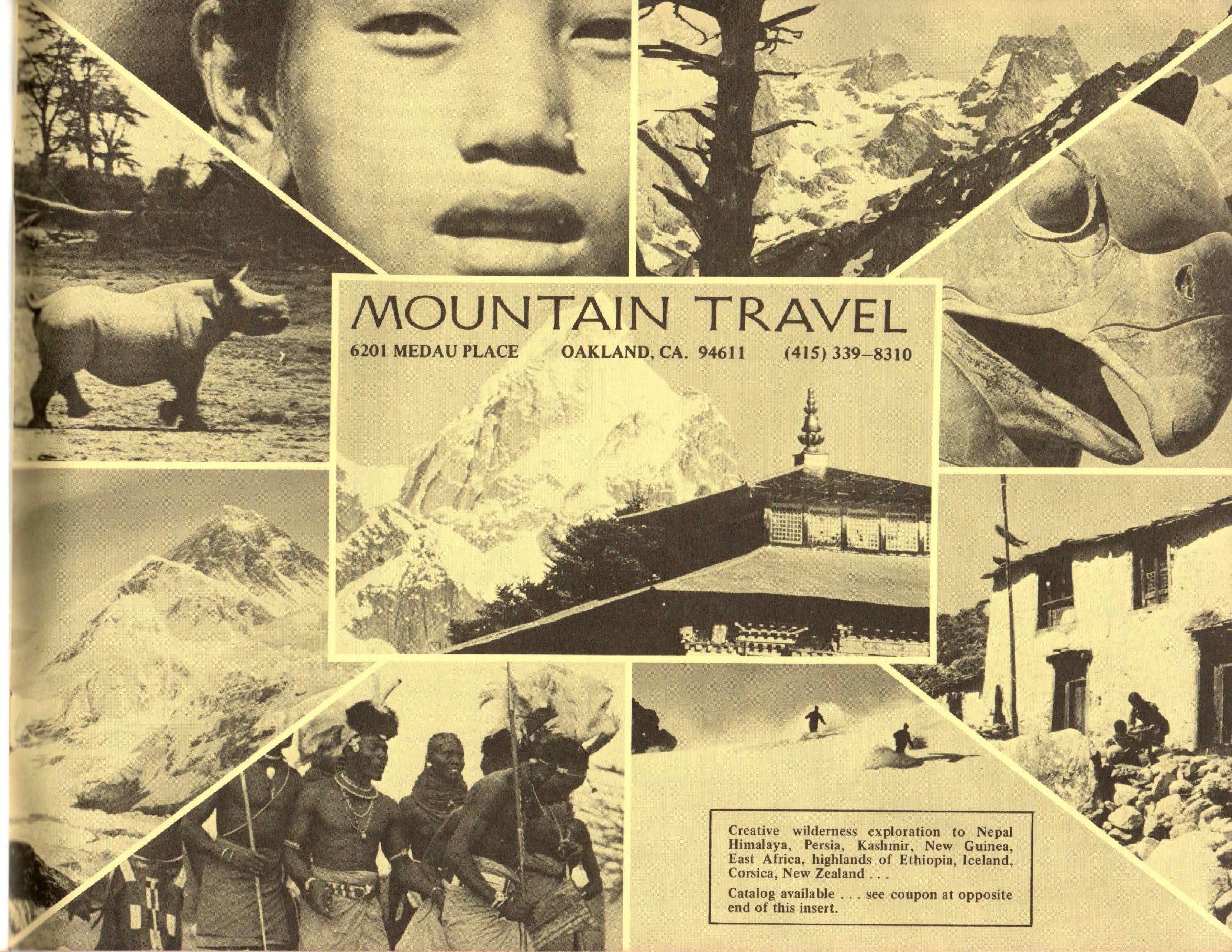
D TRAILWISE NYLON BELT POUCH. A convenient and easily accessible pouch for snacks, glasses, first aid material, etc. Made of waterproof nylon duck. Nylon coil zipper and belt loops. Size 4½" x 7½" x 2". Colors: orange, blue, green.
R113 wt. 2 oz. \$ 3.50

E TRAILWISE NYLON ZIPPER DUFFLE. Strong and light. Full length nylon coil zipper with dust flap, reversed for less abrasion. Urethane coated nylon duck with wraparound nylon web handles. Nylon web handles on both ends. Size 14" x 30". Colors: blue, orange, green.
R119 wt. 16 oz. \$ 14.50

F WATERPROOF DUFFLE BAG. Inexpensive bag, ideal for river trips or travel in wet country. Made of rubberized cotton fabric, with sealed seams. Draw cord closure. Round bottom. Size 15" x 30".
R605 wt. 17 oz. \$ 1.75

TRAILWISE SHOULDER PADS. 3/8" Ensolite: firm, comfortable padding covered with nylon duck. For straps up to 2½" wide. Pads are 10" long.
R107 wt. 2 oz. pr. \$ 2.50





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Store Hours

June 1 — August 31

Monday, Tuesday,	
Wednesday, Thursday	9 — 9
Friday, Saturday	9 — 6
Sunday	12 — 4

September 1 — May 31

Monday, Tuesday, Wednesday,	
Friday, Saturday	9:30 — 6
Thursday	9:30 — 9

For years we of THE SKI HUT staff have urged your active support of local and national conservation organizations. Conservation has never been a "popular" cause (a man with only two eyes and two ears is both blind and deaf). Under the newly polished aegis of Ecology, the principles and ideals formerly the concern of conservationists have been taken up with the enthusiasm generated by a "new" movement.

We are, of course, pleased by this interest and support in and of conservation-ecology. Ecology is fashionable this year and gives indications of becoming the latest fad. Fads, however, are characterized by a dissipation of energies and a short term of tremendous vitality giving way to a greater apathy. This must not happen—the stakes are too high. This is where the organizations listed below are invaluable. They know who the spoilers are and they know how to direct the battle. We urge you to stand up and be counted—offer your support—and join those who are fighting to save what is left.

California Tomorrow, Monadnock Building, 681 Market St., San Francisco, Calif. 94105
Colorado Open Space Council, Inc., 5850 E. Jewell, Denver, Colo., 80222
Defenders of Wildlife, 2000 "N" St., N.W., Suite 201, Washington, D.C. 20036
Friends of Animals, Inc., 11 W. 60th St., New York, N.Y. 10023
Friends of the Earth, 451 Pacific Ave., San Francisco, Calif. 94133
The Izaak Walton League of America, 1326 Waukegan Rd., Glenview, Ill. 60025
National Audubon Society, 1130 Fifth Ave., New York, N.Y. 10028
National Parks Association, 1701 18th St., N.W., Washington, D.C. 20009
National Wildlife Federation, 1412 16th St., N.W., Washington, D.C. 20009
Outward Bound, Inc., Andover, Mass. 01810
Rocky Mountain Center on Environment, 580 E. Jewell, Denver, Colo. 80222
Sierra Club, 220 Bush St., San Francisco, Calif. 94104
Wilderness Society, 729 Fifteenth St. N.W., Washington, D.C. 20005
World Wildlife Fund, 910 Seventeenth St. N.W., Washington, D.C. 10006



The Ski Hut staff wishes you the best in outdoor experience this year.

George Rudolf	James Blanchard	Carol Huffstutter
Peter Noone	Steve Homo	Diane Ritch
Alfred Smith	Chuck Pratt	Frances Osburn
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